

2011 PRODUCT GUIDE

Routers • Adapters • Accessories • Switches • ADSL





Connecting Life & Fun

About CNet

CNet Technology is a networking company located in San Jose, CA. Established in 1987, the company distributes and markets a complete line of high-quality local and wide area network products for Ethernet, Fast Ethernet, and Gigabit networks in the U.S. and International markets.

Based in Silicon Valley, CNet products are high-speed, cost-effective solutions that address key business issues of agility, competitiveness, efficiency, and productivity. They provide security, availability, reliability, scalability, and quality of service for a broad range of computing environments.

With more than 20 years Of experience of successfully serving small office/home office, small and medium business, corporate, and government networks, CNet product line includes Fast Ethernet Cards, Fast Ethernet Switches, Gigabit Ethernet Cards, Gigabit Ethernet Switches, Wireless LAN products, SOHO and SMB Broadband routers, and Networking peripheral products.

Easy to People & Fun to Use

Our ultimate goal is to provide people at large a delighted and gratified networking lifestyle. Simple, easy and fun is the primary concept.

PC Free, Location Free & Technique Knowledge Free

No more limitation or knowledge block for product using, our idea is to change professional network operation into ordinary daily appliance using.

Connect Work, Life & Fun All Together

By providing multiple functions in our designs, we offer many options for people to use whether you are working, playing or simply just relax at home. Our everlasting creative networking solutions will keep connecting people in every aspect and actualize a better future lifestyle for all.

2011 PRODUCT GUIDE



Table of Contents

• Outdoor

WNOR5300, WNOR5305, WNOU5100, WNOR5100M 2

• 3G

WNPR5100U, WNPR5100M, CQR-981, WMD3100 6

• WiFi

CQR-980, CBR-970, CWP-905, CWP-906, WNIR3300, WNHR5300, WNIR5180, CWU-906, CQU-906,
WNUD1100, WNUD1150H, WNUD1150 10

• ADSL Routers

CAR-970, CAR-971, CAR-974, CAR-854, CAR2-601U, CAR2-604U, CAR2-701U 22

• Modem

CM56S, CMU-470 29

• NIC

ProG-2000S, ProG-2000E 31

• Accessories

CBA-907, CBA-909 33

• Network Switches

Fast Ethernet Switch (10/100Mbps) 35
CSH-800, CSH-1600/CSH-1600E, CSH-2400, CSH-4800

Gigabit Ethernet Switch (10/100/1000Mbps) 40
CGS-501E, CGS-801E, CGS-800, CGS-1600, CGS-2400

Ethernet Switch with Expansion Ports 45
CSH-2402G, CSH-2422Gm

Websmart Switch 47
CSH-500W, CSH-800W, CSH-2400W, CGS-1600W, CGS-2400W

PoE (Power over Ethernet) Switch & Accessory 52
CSH-8004P, CSH-800WP, CSH-1600WP, CSH-2402GP, CSH-2402GWP, CMS-1608P, CMS-3216P,
CFC-10CM, CFC-10CS, CFC-22CS, CFC-20CM, CIN-7001, CSP-7001

WNOR5300

Outdoor Wireless-N Broadband Router



CNet WNOR5300 is a superb long range out-door wireless-N Bridge/Gateway/WISP in 2.4GHz Frequency.

Extend a Wi-Fi coverage, superior performance with 9 dBi antenna, which can avoid unnecessary roaming between Access Points and the existed network.

Easy & good security plus quick coverage ex-tending mechanism.

Connect to surveillance solutions through RJ-45 cable for both small and large scale projects.

Key Features

- High-Speed Broadband Internet sharing through DSL or Cable modems or public Wi-Fi hotspots
- IEEE802.11b/g and IEEE802.11n standard
- Bridge, Gateway & WISP modes for use in different situations
- Firewall protects you against online threats
- Support reset button on PoE injector (PoE passive)
- Advanced wireless security, WEP/WPA/WPA2/WPA2 Mixed
- External antenna selection (optional)

Specifications

Standards	<ul style="list-style-type: none"> • IEEE802.11b • IEEE 802.11g • IEEE 802.11n
Channels	<ul style="list-style-type: none"> • 1~11 for FCC • 1~13 for ETSI
Ethernet Port	<ul style="list-style-type: none"> • WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X • LAN: Four 10/100M (RJ-45) Port with auto MDI/MDI-X
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 72Mbps • 11n (40MHz): up to 150Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128, WPA, WPA
Antenna	<ul style="list-style-type: none"> • One internal 9 dBi Directional Antenna • Optional with external antenna
Transmit Power	<ul style="list-style-type: none"> • 11b:27 +/-1.0dBm • 11g:26 +/-1.0dBm • 11n (20/40MHz):22 +/-1.0dBm
Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -83 +/-2dBm • 11g: -70 +/-2dBm • 11n (20MHz): -74 +/-2dBm • 11n(40MHz): -70 +/-2dBm
LED	<ul style="list-style-type: none"> • 1 x Power, 1x WLAN, 1x WAN, 1x LAN
Power Supply	<ul style="list-style-type: none"> • Power adapter 12V DC

Environment	<ul style="list-style-type: none"> • Operating Temperature: -20° ~ 70°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 225 (L) x 75 (W) x 60 (H)mm

WNOR5305

Outdoor Wireless 5GHz Broadband Router



CNet WNOR5305 is a superb long range outdoor wireless Bridge/Gateway/WISP in 5.8GHz Frequency.

Extend Wi-Fi coverage, superior performance with 12 dBi antenna, which can avoid unnecessary roaming between Access Points and the existing network.

Easy & good security plus quick coverage extending mechanism.

Connect to surveillance solutions through RJ-45 cable for both small and large scale projects.

Key Features

- High-Speed Broadband Internet sharing through DSL or Cable modems or public Wi-Fi hotspots
- 5GHz IEEE802.11a and IEEE802.11n standard
- Bridge, Gateway & WISP modes for use in different situations
- Firewall protects you against online threats
- Support reset button on proprietary PoE injector (PoE passive)
- Advanced wireless security, WEP/WPA/WPA2/WPA2 Mixed
- External antenna selection (optional)

Specifications

Standards	<ul style="list-style-type: none"> • IEEE802.11n • IEEE 802.11a
Channels	<ul style="list-style-type: none"> • 5.18GHz-CH36 to 5.825GHz-CH165
Ethernet Port	<ul style="list-style-type: none"> • WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X • LAN: Four 10/100M (RJ-45) Port with auto MDI/MDI-X
Modulation	<ul style="list-style-type: none"> • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11a: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11n (20MHz): up to 72 Mbps • 11n (40MHz): up to 150 Mbps • 11a: up to 54 Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128, WPA, WPA2
Antenna	<ul style="list-style-type: none"> • One internal 12 dBi Directional Antenna • Optional external antenna
Transmit Power	<ul style="list-style-type: none"> • 11n: up to 22 +/- 1dBm • 11a: up to 25 +/- 1dBm
Receive Sensitivity	<ul style="list-style-type: none"> • 11n: -88dBm • 11a: -90dBm
LED	<ul style="list-style-type: none"> • 1 x Power, 1x WLAN, 1x WAN, 1x LAN
Power Supply	<ul style="list-style-type: none"> • Power adapter 12V DC / 1A
Environment	<ul style="list-style-type: none"> • Operating Temperature: -20° ~ 70°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 225 (L) x 75 (W) x 60 (H) mm

WNOU5100

Outdoor High Power Wireless-N USB Adapter



WNOU5100 Outdoor High Power Wireless-N USB Adapter connects your laptop or desktop computer to a Wi-Fi network from great distance away. The adapter is compatible with 802.11b/g/n and works in 2.4GHz band up to 150Mbps. Weather proof case guards against rugged environment. Ideal for mobile homes, recreational vehicles, log cabins.

Key Features

- Support advanced 1 x 1 Technology with up to 150Mbps downstream data rate
- Low Noise Amplifier(LNA) support
- Complies with 2.4GHz IEEE802.11n and IEEE802.11b/g standards
- Support 20MHz and 40MHz bandwidth
- Multiple BSSID support
- Wireless security - 64/128bit WEP, WPA and WPA2
- QoS enhancement - WMM
- USB 2.0 Interface

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.11n • IEEE 802.11b/g
Frequency Band	<ul style="list-style-type: none"> • 2.400GHz ~ 2.484GHz
Data Rate	<ul style="list-style-type: none"> • 802.11n(40MHz): up to 150Mbps • 802.11n(20MHz): up to 72Mbps • 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps • 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Number of operation channel	<ul style="list-style-type: none"> • 2.412~2.462GHz (Canada, FCC) / 11 Channels • 2.412~2.484GHz (Japan, TELEC) / 14 Channels • 2.412~2.472GHz (Euro, ETSI) / 13 Channels
Sensitivity	<ul style="list-style-type: none"> • -90dBm @ 802.11n • -92dBm @ 802.11g • -95dBm @ 802.11b
Security	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x) • WPA Mixed
Access Protocol	<ul style="list-style-type: none"> • CSMA/CA
Driver support	<ul style="list-style-type: none"> • Windows® 2000, XP 32/64, Vista 32/64, Win7 32/64
RF Output Power(Typical)	<ul style="list-style-type: none"> • 802.11b: up to 28 ± 1 dBm • 802.11g: up to 24 ± 1 dBm • 802.11n: up to 22 ± 1 dBm
Interface	<ul style="list-style-type: none"> • Mini-USB
Antenna	<ul style="list-style-type: none"> • 9dBi Panel Antenna
Operation Voltage	<ul style="list-style-type: none"> • 5V
Dimension(mm)	<ul style="list-style-type: none"> • 225(L) x 77(W) x 59(H)
Operation Temperature	<ul style="list-style-type: none"> • 0°C ~ 60°C

Storage Temperature	<ul style="list-style-type: none"> • -20°C ~ 70°C ambient temperature
Storage Humidity	<ul style="list-style-type: none"> • 10% ~ 90% (Non-condensing)

WNOR5100M

3G Outdoor Wireless-N Broadband Router



CNet WNOR5100M is a superb long range 3G outdoor wireless-N Bridge/Gateway/WISP in 2.4GHz Frequency. With built-in 3G module, a long range outdoor Wi-Fi hotspot can be set up easily wherever you are.

Extend a Wi-Fi coverage, superior performance with 9 dBi antenna, which can avoid unnecessary roaming between Access Points and the existed network.

Easy & good security plus quick coverage ex-tending mechanism.

Connect to surveillance solutions through RJ-45 cable for both small and large scale projects.

Key Features

- Support advanced 1 x 1 Technology with up to 150Mbps downstream and upstream
- Complies with 2.4GHz IEEE802.11n and IEEE802.11b/g standards
- Low Noise Amplifier(LNA) support
- Support 20MHz and 40 MHz bandwidth
- Operation mode: Bridge, Gateway, Ethernet Converter
- Wireless mode: AP, Client, WDS
- DHCP Server/Client
- RF output power adjustable
- Wireless users access control
- Support PPPoE, VPN pass-through(L2TP, IPSec and PPTP)
- QoS enhancement - WMM
- Build-in 3G module
- Support Power over Ethernet (PoE passive)
- PoE injector with Reset button

Specifications

Wireless LAN Standard	• IEEE 802.11b/g/n
Interface	• 1 WAN + Build-in 3G module • 1 LAN 10/100Mbps port
Data Rate	• 2.4G <ul style="list-style-type: none"> > 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back > 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps > 802.11n(20MHz): up to 72Mbps > 802.11n(40MHz): up to 150Mbps • 3G <ul style="list-style-type: none"> > HSDPA: MAX. 10Mbps(DL);UE Category:6 > HSUPA: MAX. 5.76Mbps(UL);UE Category:6 > UMTS: MAX. 384Kbps(DL); MAX. 384Kbps(UL)
Support 3G Standard	• UMTS/ HSDPA / HSUPA/ WCDMA
Frequency Band	• 802.11b/g/n: 2.400GHz ~ 2.484GHz • WCDMA: 2100MHz/1900MHz/850MHz (optional)
Wireless Mode	• AP • Client • WDS
Security	• 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x)
Media Access Control	• CSMA/CA
Operation Mode	• Bridge • Gateway • Ethernet Converter
Sensitivity	• -93dBm @ 802.11b • -91dBm @ 802.11g • -89dBm @ 802.11n

Output Power(Typical)	• 802.11b: up to 27 ± 1 dBm • 802.11g: up to 26 ± 1 dBm • 802.11n: up to 22 ± 1 dBm
Antenna connector	• One 12dBi directional antenna • Build-in antenna for 3G signal
Operation Temperature	• Operation: -20°C ~ 70°C
Storage Humidity	• 10% ~ 90% (Non-condensing)
Connector	• One RJ-45 WAN port • One RJ-45 LAN port • SIM card slot
Power requirement	• 12V DC / 1.5A

WNPR5100U

Mobile-N Broadband Router



CNet WNPR5100U is easy to use, stylish & portable, secure & reliable, and supports multiple power sources.

Simply connect it to a 3G dongle, and you just get yourself a wireless hotspot right away.

You and your family, friends or colleagues can check e-mail, watch video online, access to company / school database.

It is especially good for travelers and field workers.

Key Features

- Supports IEEE 802.11n, with data throughput rate up to 300Mbps
- Built-in High-Capacity Lithium-Ion
- Rechargeable Battery
- Multiple power options (External Battery)
- Pack / Car Charger / USB power)
- Palm sized & easy carrying
- Support standard UPnP / UpnP Traversal
- Support Multiple SSIDs

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n
Channel	<ul style="list-style-type: none"> • 1 ~ 11 for FCC • 1 ~ 13 for ETSI
Ethernet Port	<ul style="list-style-type: none"> • LAN / WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X
Operation Mode	<ul style="list-style-type: none"> • Router Mode
WAN Interface	<ul style="list-style-type: none"> • Ethernet • Wireless • 3.5G (UMTS/HSDPA/HSUPA/CDMA2000/TD-SCDMA) • WiMAX
WAN Type	<ul style="list-style-type: none"> • Static IP • DHCP • PPPoE • PPTP • L2TP
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 144Mbps • 11n (40MHz): up to 300Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128 • WPA • WPA2 • WPA2 Mixed

Antenna	<ul style="list-style-type: none"> • Two internal antennas
Transmit Power	<ul style="list-style-type: none"> • 11b:19 +/-2.0dBm @ Normal Temp Range, typical • 11g:16 +/-2.0dBm @ Normal Temp Range, typical • 11n:14 +/-2.0dBm @ Normal Temp Range, typical
Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -83 +/-2dBm • 11g: -70 +/-2dBm • 11n (20MHz): -64 +/-2dBm • 11n (40MHz): -61 +/-2dBm
Side Switch	<ul style="list-style-type: none"> • Power ON/OFF
Button	<ul style="list-style-type: none"> • Reboot/Reset button: Click this button 1 second to reboot device, 10 seconds to restore default setting • WPS Button: Click WPS button to start Wireless security configuration
LED	<ul style="list-style-type: none"> • 1 x Wireless / WPS: Green / Orange • 1 x LAN / WAN: Green • 1 x USB: Green • 1 x Status: Green • 1 x Power: Green / Orange
Power	<ul style="list-style-type: none"> • Internal 18650 Li-Ion Battery x 2 • Adapter DC 12V • Mini-USB Port supports DC5V input from PC
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 91 x 78 x 33.2 mm

WNPR5100M

Mobile-N 3.5G Broadband Router



CNet WNPR5100M is easy to use, stylish & portable, secure & reliable, and supports multiple power sources.

With its built-in WiMAX module, users simply turn on the router, get quick network and can share it right away.

You and your family, friends or colleagues can check e-mail, watch video online, access to company / school database.

Easy & good security plus quick coverage extending mechanism.

It is especially good for travelers and field workers.

Key Features

- Built-in 3.5G module
- Supports IEEE 802.11n, with data throughput rate up to 300Mbps
- Built-in High-Capacity Lithium-Ion
- Rechargeable Battery
- Multiple power options (External Battery
- Pack / Car Charger / USB power)

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n 	Transmit Power	<ul style="list-style-type: none"> • 11b:19 +/-2.0dBm @ Normal Temp Range, typical • 11g:16 +/-2.0dBm @ Normal Temp Range, typical • 11n:14 +/-2.0dBm @ Normal Temp Range, typical
Channel	<ul style="list-style-type: none"> • 1 ~ 11 for FCC • 1 ~ 13 for ETSI 	Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -83 +/-2dBm • 11g: -70 +/-2dBm • 11n (20MHz): -64 +/-2dBm • 11n (40MHz): -61 +/-2dBm
Ethernet Port	<ul style="list-style-type: none"> • LAN / WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X 	Side Switch	<ul style="list-style-type: none"> • Power ON/OFF
SIM Card Slot	<ul style="list-style-type: none"> • One SIM card slot 	Button	<ul style="list-style-type: none"> • Reboot/Reset button: Click this button 1 second to reboot device, 10 seconds to restore default setting • WPS Button: Click WPS button to start Wireless security configuration
3.5G Interface	<ul style="list-style-type: none"> • WCDMA/HSDPA/HSUPA (compatible with EDGE/GRPS systems) • CDMA2000 (optional) • TD-SCDMA (optional) 	LED	<ul style="list-style-type: none"> • 1 x Wireless / WPS: Green / Orange • 1 x LAN / WAN: Green • 1 x 3.5G: Green • 1 x Status: Green • 1 x Power: Green / Orange
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM 	Power Supply	<ul style="list-style-type: none"> • Internal 18650 Li-Ion Battery x 2 • Switching power adapter DC in 12V • Mini-USB Port supports DC5V input.
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 144Mbps • 11n (40MHz): up to 300Mbps 	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Security	<ul style="list-style-type: none"> • WEP 64/128 • WPA • WPA2 • WPA2 Mixed 	Certifications	<ul style="list-style-type: none"> • CE, FCC
Antenna	<ul style="list-style-type: none"> • 2 x internal Wi-Fi antennas. • 2 x internal 3.5G antennas 	Dimensions (W x H x D)	<ul style="list-style-type: none"> • 91 x 78 x 33.2 mm

CQR-981

Wireless-N Pico 3.5G Broadband Router



CQR-981 is a tiny name card size mini broadband router; it's easy to carry while providing wired Ethernet, wireless 802.11n, 3.5G and WiMAX interfaces to meet the requirements of different user groups. With CQR-981, users can share the internet connection and resources anywhere, anytime. Additionally its automatic detection of the user's environment settings brings convenience of plug and play and makes Internet experience more enjoyable.

While sharing internet connection with other computers, security mechanism such as WEP/WPA/WPS...and so on, can be used to ensure the security level of networking environment.

CQR-981 is a networking solution product designed for mobile business and personal applications, it's not only secure, reliable but also easy to operate and use.

Key Features

- 3.5G / xDSL / Wi-Fi mobile connection sharing
- Supports IEEE 802.11n, with data throughput rate up to 150Mbps
- Multiple power options (External Battery Pack / Car Charger / USB power)
- Hardware switch for rapid Router, Access Point, Repeater operation mode switching

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n
Channel	<ul style="list-style-type: none"> • 1 ~ 11 for FCC • 1 ~ 13 for ETSI
Ethernet Port	<ul style="list-style-type: none"> • WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X • LAN/WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X
USB port	<ul style="list-style-type: none"> • One USB 2.0 port for 3.5G connection.
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 72Mbps • 11n (40MHz): up to 150Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128 • WPA • WPA2 • WPA2 Mixed
Antenna	<ul style="list-style-type: none"> • One internal Wi-Fi antenna.
Transmit Power	<ul style="list-style-type: none"> • 11b: 19 +/-2.0dBm @ Normal Temp Range, typical • 11g: 16 +/-2.0dBm @ Normal Temp Range, typical • 11n (20/40MHz): 14 +/-2.0dBm @ Normal Temp Range, typical

Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -83 dBm @ 8% PER • 11g: -70 dBm @ 10% PER • 11n (20MHz): -64dBm @ 10% PER • 11n (40MHz): -61dBm @ 10% PER
Button	<ul style="list-style-type: none"> • Reboot/Reset button: Click this button 1 second to reboot device, 10 seconds to restore default setting • WPS Button: Click WPS button to start Wireless security configuration
LED	<ul style="list-style-type: none"> • 1 x Power/Status: Green • 1 x LAN: Green • 1 x WAN/LAN: Green • 1 x Wireless / WPS: Green/Orange
Power	<ul style="list-style-type: none"> • Power Adapter DC5V with mini-USB B type male connector
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 88(L) x 58(W) x 26.5(H) mm
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60 • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 91 x 78 x 33.2 mm

WMD3100

3G HSPA USB Modem



WMD3100 3G HSPA USB dongle is a simple and secure way to connect your laptop/desktop PC to 3G (WCDMA/HSPA) and GPRS mobile broadband network for surfing the Internet wherever you go. Easy setup with built-in software gets you up and running quickly.

WMD3100 3G HSPA USB dongle also works with CNet 3.5G broadband routers to create instant Wi-Fi hotspots, providing Internet access to several computers, tablets and smart phones.

Key Features

- Built-in 3.5G module
- Supports IEEE 802.11n, with data
- throughput rate up to 300Mbps
- Built-in High-Capacity Lithium-Ion
- Rechargeable Battery
- Multiple power options (External Battery
- Pack / Car Charger / USB power)

Specifications

Work band	<ul style="list-style-type: none"> • HSPA/UMTS:2100MHz/900MHz • GSM/GPRS/EDGE:850MHz/900MHz/1800MHz/1900MHz
OS	<ul style="list-style-type: none"> • Support Windows 2000/XP/Vista,Win7,Mac OS
Power	<ul style="list-style-type: none"> • USB power supply • Work Current max<500mA (satisfy USB criterion)
Data function	<ul style="list-style-type: none"> • WCDMA CS: UL 64kbps/DL 64kbps • WCDMA PS: UL 384kbps/DL 384kbps • HSDPA: 7.2Mbps • HSUPA: 5.76Mbps • EDGE: Class 11 • GPRS: Class 11
SMS function	<ul style="list-style-type: none"> • Support MO/MT • Support point to point transceiver and cell broadcast • Support TEXT and PDU mode
AT command	<ul style="list-style-type: none"> • Support standard at command
User interface	<ul style="list-style-type: none"> • USB interface: USB 2.0 HS • SIM card interface: standard 6 PIN 1.8V/3.0V • Hardware interface: two color LED indication • Software Interface: PC application program
Install and driver	<ul style="list-style-type: none"> • Auto-install, plug & play
Operating Temperature	<ul style="list-style-type: none"> • Operating Temperature: -20°C~+65°C • Storage Temperature: -40°C~+90°C
Physical Specification	<ul style="list-style-type: none"> • Dimensions: 92mm*27mm*11mm

CQR-980

Wireless-N Pico Broadband Router



CQR-980 is a superb portable wireless-N router. Carry it wherever you go to create a Wi-Fi hotspot .

Get all your Wi-Fi capable laptop PCs & phones connected in meeting rooms or hotel rooms without being limited by the availability of network sockets.

Extend a Wi-Fi network to your backyard or another floor without the need of configuring the existing Wi-Fi router.

Mini USB charging socket set you free from AC power source, by drawing the power from USB port on Laptops, PCs or car chargers.

Key Features

- Supports IEEE 802.11n, with data throughput rate up to 150Mbps
- Multiple power options (External Battery Pack / Car Charger / USB power)
- Hardware switch for rapid Router, Access Point, Repeater operation mode switching

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n
Channel	<ul style="list-style-type: none"> • 1 ~ 11 for FCC • 1 ~ 13 for ETSI
Ethernet Port	<ul style="list-style-type: none"> • WAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X • LAN: One 10/100M (RJ-45) Port with auto MDI/MDI-X
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 72Mbps • 11n (40MHz): up to 150Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128 • WPA • WPA2 • WPA2 Mixed
Antenna	<ul style="list-style-type: none"> • One external detachable Wi-Fi antenna
Transmit Power	<ul style="list-style-type: none"> • 11b: 19 +/-2.0dBm @ Normal Temp Range, typical • 11g: 16 +/-2.0dBm @ Normal Temp Range, typical • 11n (20/40MHz): 14 +/-2.0dBm @ Normal Temp Range, typical
Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -83 dBm @ 8% PER • 11g: -70 dBm @10% PER • 11n (20MHz): -64dBm @10% PER • 11n (40MHz): -61dBm @10% PER

Button	<ul style="list-style-type: none"> • Reboot/Reset button: Click this button 1 second for reboot device, 10 seconds for restore default setting • WPS Button: Click WPS button to start Wireless security configure
LED	<ul style="list-style-type: none"> • 1 x Power/Status: Green • 1 x LAN: Green • 1 x WAN: Green • 1 x Wireless / WPS: Green/Orange
Power Supply	<ul style="list-style-type: none"> • Power Adapter DC5V/0.6A with mini-USB B type male connector
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 88(L) x 58(W) x 26.5(H) mm

CBR-970

Wireless-N Broadband Router



CBR-970 is a small wireless broadband router; it provides Ethernet link interfaces and connects to Internet via broadband DSL/Cable modems. Additionally it automatically detects user environment's WAN settings to achieve intelligent "Plug & Play", thus making internet experience easier and more enjoyable.

While sharing internet connection with multiple computers, CBR-970 uses security mechanisms such as firewall and QoS to ensure the security level and connection quality of the networking environment. It is a networking solution designed specifically for household and personal applications, emphasizing high security, reliability and ease of use.

CBR-970's unique power saving feature, including Green AP function, helps to reduce up to 80% power consumption when there is no network traffic detected.

Key Features

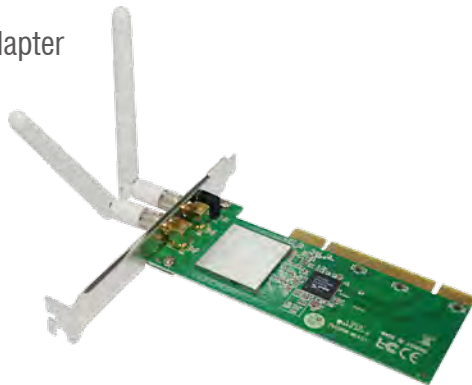
- Easy management via simple Web GUI
- Uses QoS to ensure high quality internet connection
- Advanced firewall security with DoS prevention
- Supports VPN pass-through for high security level VPN connections
- Automatic WAN type detection
- Complies with IEEE 802.11n and backward compatible with IEEE 802.11b/g
- Supports Multiple-AP application (up to 4 SSIDs)
- Supports one touch encryption method (WPS) to simplify the secure establishment of a wireless network
- Advanced wireless security, supports 64/128 bit WEP / WPA / WPA2 / WPA2 Mixed

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE802.11g • IEEE 802.11n 	Firewall Capacity	<ul style="list-style-type: none"> • DoS prevention • Port Filtering • IP Filtering • MAC Filtering • URL Filtering
Channels	<ul style="list-style-type: none"> • 1 ~ 11 for FCC • 1 ~ 13 for ETSI 	Transmit Power	<ul style="list-style-type: none"> • IEEE 802.11b: 19dBm +/- 2.0dBm (typical) • IEEE 802.11g: 16dBm +/- 2.0dBm (typical) • IEEE 802.11n: 14dBm +/- 2.0dBm (typical)
LAN interface	<ul style="list-style-type: none"> • WAN: One 10/100M (RJ-45) Port • LAN: Four 10/100M (RJ-45) Ports 	Receive Sensitivity	<ul style="list-style-type: none"> • 11Mbps : TYP. -83dBm @ 8% PER • 54Mbps: TYP. -70dBm @ 10% PER • 11n (20MHz): TYP. -64dBm @ 10% PER • 11n (40MHz): TYP. -61dBm @ 10% PER
Modulation	<ul style="list-style-type: none"> • 802.11b: DSSS with BPSK, QPSK, CCK • 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 802.11n: OFDM with BPSK, QPSK, 16QAM, 64QAM 	Antenna	<ul style="list-style-type: none"> • 1 x 3dBi external detachable antenna
Data Rate	<ul style="list-style-type: none"> • 11b: 11 / 5.5 / 2 / 1 Mbps • 11g: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6 Mbps • 11n: up to 150Mbps 	Button	<ul style="list-style-type: none"> • Reboot / Reset button • WPS button
Operation Mode	<ul style="list-style-type: none"> • Router / AP / Wi-Fi AP 	LED	<ul style="list-style-type: none"> • 1 x WLAN/WPS: Green/Red • 1 x WAN: Green • 4 x LAN: Green
UPnP	<ul style="list-style-type: none"> • Standard UPnP 	Power Supply	<ul style="list-style-type: none"> • DC in 5V / 0.6A
SSID	<ul style="list-style-type: none"> • Up to 4 Multiple SSIDs 	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C (32° ~ 104°F) • Storage Temperature: -20° ~ 60°C (-4° ~ 140°F) • Humidity: 10% ~ 90% Non-condensing
WAN Connection	<ul style="list-style-type: none"> • Ethernet • xDSL • Cable • Wireless 	Dimensions (L x W x H)	<ul style="list-style-type: none"> • 145.1 x 89.9 x 31.7 mm (without antenna)
Security	<ul style="list-style-type: none"> • 64 / 128bit WEP • WPA • WPA2 • WPA2 Mixed 	Certifications	<ul style="list-style-type: none"> • CE, FCC, RoHS

CWP-905

Wireless-N PCI Adapter



The CNet Wireless-N (draft 802.11n) PCI Adapter installs in most Desktops and lets you put your computer almost anywhere in the building, without the cost and hassle of running network cables.

The CNet Wireless-N (draft 802.11n) PCI Adapter connects you with 11n networks at an incredible 300Mbps! And for added versatility, CNet CWP-905 is also capable of inter-operating with all the Wireless-G and B products found in homes, businesses, and public wireless hotspots around the country.

Key Features

- Detachable 2 dBi antenna.
- High security protection: 64/128bit WEP WPA WPA2
- High quality Ralink wireless b/g/n solution
- 2T2R with 300Mbps PHY rate for both transmit and receiving.
- Legacy and High throughput modes
- 20MHz/40MHz Bandwidth
- Qos-WMM, WMM-PS
- Multiple BSSID Support

Specifications

Chipset	• Ralink RT3062
Standard	• IEEE 802.11g/b/n
Antenna	• External 2 dBi detachable dipole antenna
Frequency Band	• 2.400GHz ~ 2.484GHz
Security	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x)
Data Rate	<ul style="list-style-type: none"> • IEEE 802.11b: 11, 5.5, 2 and 1 Mbps • IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps; Auto-fallback • IEEE 802.11n: <ul style="list-style-type: none"> > 20MHz channel: up to 144Mbps > 40MHz channel: up to 300Mbps
Sensitivity	<ul style="list-style-type: none"> • -95dBm @ 802.11b • -92dBm @ 802.11g • -90dBm @ 802.11n
RF Output Power(Typical)	<ul style="list-style-type: none"> • 802.11b: up to 17 ± 1 dBm • 802.11g: up to 16 ± 1 dBm • 802.11n: up to 15 ± 1 dBm
Number of operation channel	<ul style="list-style-type: none"> • 2.412~2.462GHz (Canada, FCC) / 11 Channels • 2.412~2.484GHz (Japan, TELEC) / 14 Channels • 2.412~2.472GHz (Euro, ETSI) / 13 Channels
Access Protocol	• CSMA/CA
Operation Voltage	• 3.3V
Dimension(mm)	• 120(L) x 53(W)
Operation Temperature	• 0°C ~ 55°C ambient temperature
Storage Temperature	• -20°C ~ 70°C ambient temperature

Driver support	<ul style="list-style-type: none"> • Windows® 7 32/64, XP 32/64, Vista 32/64, 2k • Linux kernel 2.6.1.31 / 2.6.1.32
Approval	<ul style="list-style-type: none"> • FCC Part 15 • CE

CWP-906

Wireless-N PCI Adapter



The CNet Wireless-N (draft 802.11n) PCI Adapter installs in most Desktops and lets you put your computer almost anywhere in the building, without the cost and hassle of running network cables.

The CNet Wireless-N (draft 802.11n) PCI Adapter connects you with 11n networks at an incredible 150Mbps! And for added versatility, CNet CWP-906 is also capable of inter-operating with all the Wireless-G and B products found in homes, businesses, and public wireless hotspots around the country.

Key Features

- Detachable 2 dBi antenna.
- High security protection: 64/128bit WEP WPA WPA2
- High quality Ralink wireless b/g/n solution
- 1T1R with 150Mbps PHY rate for both transmit and receiving.
- Legacy and High throughput modes
- 20MHz/40MHz Bandwidth
- QoS-WMM, WMM-PS
- Multiple BSSID Support

Specifications

Chipset	• Ralink RT3060
Standard	• IEEE 802.11b/g/n
Antenna	• External 2 dBi detachable dipole antenna
Frequency Band	• 2.400GHz ~ 2.484GHz
Security	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x)
Data Rate	<ul style="list-style-type: none"> • IEEE 802.11b: 11, 5.5, 2 and 1 Mbps • IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps; Auto-fallback • IEEE 802.11n: <ul style="list-style-type: none"> > 20MHz channel: 1Nss: 65Mbps @ 800GI, 72.2Mbps @400GI (Max.) > 40MHz channel: 1Nxx: 135Mbps @ 800GI, 150Mbps @400GI(Max.)
Sensitivity	<ul style="list-style-type: none"> • -95dBm @ 802.11b • -92dBm @ 802.11g • -90dBm@ 802.11n
RF Output Power(Typical)	<ul style="list-style-type: none"> • 802.11b: up to 17 ± 1 dBm • 802.11g: up to 16 ± 1 dBm • 802.11n: up to 15 ± 1 dBm
Number of operation channel	<ul style="list-style-type: none"> • 2.412~2.462GHz (Canada, FCC) / 11 Channels • 2.412~2.484GHz (Japan, TELEC) / 14 Channels • 2.412~2.472GHz (Euro, ETSI) / 13 Channels
Access Protocol	• CSMA/CA
QoS enhancement	• WMM, WMM-PS
Host Interface	• PCI interface 2.2
Operation Voltage	• 3.3V

Dimension(mm)	• 120(L) x 80(W)
Operation Temperature	• 0°C ~ 55°C ambient temperature
Storage Temperature	• -20 ~ 70 ambient temperature
Driver support	• Windows® 7 32/64 ,XP 32/64, Vista 32/64, 2k, 98SE, ME
Approval	<ul style="list-style-type: none"> • FCC Part 15 • CE

WNIR3300 Wireless-N Broadband Router



WNIR3300 is a superb smart repeater AP Router in 2.4GHz Frequency.

Get all your Wi-Fi capable laptop PCs & phones connected in meeting rooms or hotel rooms and easy to extend network..

Extend a Wi-Fi coverage and superior performance with two Omni antennas, between Access Points and the existed network.

Easy & good security plus quick coverage extending mechanism.

Key Features

- Complies with IEEE802.11b/g and 11n standard
- Supports advanced 2X2 MIMO Technology with up to 300Mbps solution with high power amplifier design for extended coverage and better performance
- Increased Wireless Coverage, supports WPS via PIN
- Supports Multiple-AP application (up to 4 SSIDs)
- Easy setup wizard with web-based utility
- Advanced wireless security, 64 / 128bit WEP/WPA TKIP/WPA2 AE2, 802.1X
- Operation mode: Gateway, Bridge, Wireless ISP, Wireless mode: AP, client, WDS, AP+WDS
- RF output power adjustable
- Dynamic DNS, TCP/UDP/ICMP/ARP Protocol Stack

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.11n • IEEE 802.11b/g
Frequency Band	<ul style="list-style-type: none"> • 2.400GHz ~ 2.484GHz
Data Rate	<ul style="list-style-type: none"> • 802.11n(40MHz): up to 300Mbps • 802.11n(20MHz): up to 144Mbps • 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps • 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Number of operation channel	<ul style="list-style-type: none"> • U.S. 1-11 • Japan 1-13,14 • EETSU 1-13
Wireless Mode	<ul style="list-style-type: none"> • AP • Client • WDS • AP+WDS
Security	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x) • WPA Mixed
Access Protocol	<ul style="list-style-type: none"> • CSMA/CA
Operation Voltage	<ul style="list-style-type: none"> • 3.3V
Power requirement	<ul style="list-style-type: none"> • 12V DC
Operation Mode	<ul style="list-style-type: none"> • Gateway • Bridge • Wireless ISP
Sensitivity	<ul style="list-style-type: none"> • -89dBm @ 802.11n • -91dBm @ 802.11g • -93dBm @ 802.11b

Output Power(Typical)	<ul style="list-style-type: none"> • 802.11b: up to 17 ± 1 dBm • 802.11g: up to 15 ± 1 dBm • 802.11n: up to 14 ± 1 dBm
Antenna	<ul style="list-style-type: none"> • Two detachable antennas (Male SMA reverse)
Dimension(mm)	<ul style="list-style-type: none"> • 149(L) x 104(W) x 25(H)

WNHR5300

High Power Wireless-N Broadband Router



WNHR5300 mainly provides various types of connection method to the Internet, in-cluding Ethernet, Wireless LAN... to meet requirement of different user groups. It also makes connection to the internet much easier with the function of auto detecting WAN type.

While sharing internet connection with other computers, security mechanism such as WEP/ WPA/WPS...and so on, can be used to en-sure the security level of networking environment.

With its high power design, users can experience a broader coverage of wire-less network and better networking per-formance.

WNHR5300 is a networking solution product de-signed for application in small home and business environments, it's not only secure, reliable but also easy to op-erate and use.

Key Features

- Complies with IEEE802.11b/g and 11n standard
- Supports advanced 2X2 MIMO Technology with up to 300Mbps solution with high power amplifier design for extended coverage and better performance
- Qos enhancement -WMM
- Advanced wireless security, 64 / 128bit WEP/WPA TKIP/WPA2 AE2, 802.1X
- Operation mode: Gateway, Bridge, Wireless ISP, Wireless mode: AP, client, WDS
- WPS hardware button for easy wireless connection setup
- RF output power adjustable
- Dynamic DNS, TCP/UDP/ICMP/ARP Protocol Stack

Specifications

Wireless LAN Standard	• IEEE 802.11b/g/n
Frequency Band	• 2.400GHz ~ 2.484GHz
Data Rate	• 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back • 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps • 802.11n(20MHz): up to 144Mbps • 802.11n(40MHz): up to 300Mbps
Operation Mode	• Bridge • Gateway • Ethernet Converter
Media Access Control	• CSMA/CA
Wireless Mode	• AP • Client • WDS
Security	• 64/128bit WEP • WPA1/WPA2 • WPAPSK/WPA2PSK
Output Power(Typical)	• 802.11b: up to 27 ± 1 dBm • 802.11g: up to 25 ± 1 dBm • 802.11n: up to 21 ± 1 dBm
Sensitivity	• -94dBm @ 802.11b • -91dBm @ 802.11g • -89dBm @ 802.11n
Antenna connector	• Two SMA connectors for detachable antenna(7dBi)
Operation Temperature	• Operation: 0°C ~ 60°C
Storage Humidity	• 10% ~ 90% (Non-condensing)

Connector	<ul style="list-style-type: none"> • Two antenna connectors • One RJ-45 port for WAN • Four RJ-45 LAN ports • Reset to default button • WPS button • Power jack
-----------	---

WNIR5180

Wireless-N Broadband Router



WNIR5180 makes connection to the internet much easier with the function of auto detecting WAN type.

While sharing internet connection with other computers, security mechanism such as WEP/WPA/WPS...and so on, can be used to en-sure the security level of networking environment.

WNIR5180 is a networking solution product designed for application in small home and business environments, it's not only secure, reliable but also easy to op-erate and use.

Key Features

- Complies with IEEE802.11b/g and 11n standard
- Supports 1X1 Technology with up to 150Mbps s
- Increased Wireless Coverage, WPS button
- Supports Multiple-AP application (up to 4 SSIDs)
- Support PPPoE, VPN pass-through
- Qos enhancement - WMM
- Smart Wizard for configuration and security
- Easy setup wizard with web-based utility
- Advanced wireless security, 64 / 128bit WEP/WPA TKIP/WPA2 AE2, 802.1X
- Operation mode: Gateway, Bridge, Wireless ISP, Wireless mode: AP, client, WDS, AP+WDS
- Power over Ethernet (PoE Passive)
- Dynamic DNS, TCP/UDP/ICMP/ARP Protocol Stack

Specifications

Standards	<ul style="list-style-type: none"> • IEEE802.11b • IEEE 802.11g • IEEE 802.11n
Channels	<ul style="list-style-type: none"> • 1~11 for FCC • 1~13 for ETSI
Ethernet Port	<ul style="list-style-type: none"> • Two 10/100M (RJ-45) Port with auto MDI/MDI-X
Features	<ul style="list-style-type: none"> • Support 20Mhz and 40Mhz bandwidth • DHCP Server / Client • Virtual DMZ, Port Forwarding • Dynamic DNS • TCP/UDP/ICMP/ARP protocol stack • Firewall, URL/IP/Port/MAC filtering • Wireless users access control • Multiple SSID • NTP Client • Support PPPoE, VPN pass-through (PPTP and L2TP) • Qos enhancement – WMM • Support Power over Ethernet (POE PASSIVE)
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 144Mbps • 11n (40MHz): up to 300Mbps
Operation Mode	<ul style="list-style-type: none"> • Gateway • Bridge • Wireless ISP
Wireless Mode	<ul style="list-style-type: none"> • AP • Client • WDS
Security	<ul style="list-style-type: none"> • WEP 64 / 128, WPA TKIP, WPA2 AE2, 802.1x
Antenna	<ul style="list-style-type: none"> • One external 2dBi Omni Antenna

Transmit Power	<ul style="list-style-type: none"> • 11b: 18 +/-1.0dBm • 11g: 14 +/-1.0dBm • 11n (20/40MHz): 13 +/-1.0dBm
Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -92 +/-2dBm • 11g: -87 +/-2dBm • 11n (20MHz): -87dBm • 11n(40MHz): -87dBm
Button	<ul style="list-style-type: none"> • WPS, Reset to default
Connect	<ul style="list-style-type: none"> • 1 WAN Port
Power Supply	<ul style="list-style-type: none"> • Power adapter 5V DC
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 60°C • Storage Temperature: 0° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 95.4(L) x 77.4 (W) x 26.9 (H)mm

CWU-906

Wireless-N USB Dongle



Enjoy the fun of browsing Internet, watching movies, listening to the music on the network with no hassle or delay anywhere in the building

Larger cover-ranged signal reception and 5 times faster speed for your wireless network.

No troubles of complex wiring.

Connect at an incredible 300Mbps

Key Features

- Faster in speed, longer range in distance
- Supports IEEE 802.11n, data throughput rate up to 300Mbps.
- Advanced QoS (WMM)
- WPS button enables fast security. One touch encryption enables easy security setup (WPS).
- Easy setup the USB dongle via the setup utility

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n
Channels	<ul style="list-style-type: none"> • 1~11 FCC • 1~13 ETSI (CE)
Frequency Band	<ul style="list-style-type: none"> • 2.312GHz ~ 2.484GHz
Modulation	<ul style="list-style-type: none"> • 802.11b: CCK, DQPSK, DBPSK • 802.11g: OFDM • 802.11n: OFDM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 144 Mbps • 11n (40MHz): up to 300 Mbps
Securities	<ul style="list-style-type: none"> • WEP 64/128 bit • WPA-PSK/802.1x • WPA2-PSK/802.1x
WPS	<ul style="list-style-type: none"> • WPS button • WPS PBC and PIN (Software)
Interface	<ul style="list-style-type: none"> • USB 2.0, and compatible with USB 1.1
Transmit Power	<ul style="list-style-type: none"> • IEEE 802.11b: 17.5dBm +/- 2dBm • IEEE 802.11g: 14.5dBm +/- 2dBm • IEEE 802.11n: 14.5dBm +/- 2dBm
LED Indicators	<ul style="list-style-type: none"> • Power x 1 • ACT x 1

Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40° C (32° ~ 104° F) • Storage Temperature: -20° ~ 70° C (-4° ~ 158° F) • Operating Humidity: 10% to 85% Non-Condensing • Storage Humidity: 5% to 90% Non-Condensing
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 75 x 26 x 10mm (2.95 x 1.02 x 0.40 inches)
Certifications	<ul style="list-style-type: none"> • CE, FCC
Utility Support	<ul style="list-style-type: none"> • Windows 2000 / XP 32 / XP 64 / Vista 32 / Vista 64 • Multi-Language: English / German / French / Italian / Spanish / Traditional Chinese / Simplified Chinese / Japanese / Arabic / Portuguese.

CQU-906

Wireless-N Pico USB Dongle



CQU-906 is a super mini-size wireless-N USB adapter which supports fast and simple wireless connectivity with advanced security (150Mbps).

Its tiny-sized and light-weight design make it the top choice especially when traveling with laptop and many other necessary computer related devices.

Key Features

- Amazingly small, totally unobtrusive to stay in your laptop/desktop pc all the time
- Complies with IEEE 802.11n standard, data throughput rate up to 150Mbps.
- Advanced QoS(WMM) provides better user experience for audio, video & voice application.
- One touch encryption (WPS button) enables easy & secured wireless network setup.
- Supports advanced 64/128 bit WEP, WPA1/2-PSK, WPA1/2-802.1x and AESCCM security

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n
Channels	<ul style="list-style-type: none"> • 1~11 FCC • 1~13 ETSI (CE)
Frequency Band	<ul style="list-style-type: none"> • 2.412GHz ~ 2.484GHz
Modulation	<ul style="list-style-type: none"> • 802.11b: CCK, DQPSK, DBPSK, DSSS • 802.11g: OFDM • 802.11n: OFDM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 72 Mbps • 11n (40MHz): up to 150 Mbps
Securities	<ul style="list-style-type: none"> • WEP 64/128 bit • WPA-PSK/802.1x • WPA2-PSK/802.1x
WPS	<ul style="list-style-type: none"> • WPS button (hardware) • WPS PBC and PIN (Software)
Interface	<ul style="list-style-type: none"> • USB 2.0, compatible with USB 1.1
Transmit Power	<ul style="list-style-type: none"> • IEEE 802.11b: 17.5dBm +/- 1dBm • IEEE 802.11g: 14.5dBm +/- 1dBm • IEEE 802.11n: 14.5dBm +/- 1dBm
LED Indicators	<ul style="list-style-type: none"> • Link/ACT x 1
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 40° C (32°F ~ 104° F) • Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F) • Operating Humidity: 10% to 85% Non-Condensing • Storage Humidity: 5% to 90% Non-Condensing

Dimensions (L x W x H)	<ul style="list-style-type: none"> • 19.2 x 15 x 6.6 mm
Certifications	<ul style="list-style-type: none"> • CE, FCC
Driver Support	<ul style="list-style-type: none"> • Windows 2000/XP(32/64bit)/Vista(32/64bit)/Windows7(32/64bit) • Linux OS
Utility Support	<ul style="list-style-type: none"> • Windows 2000/XP(32/64bit)/Vista(32/64bit)/Windows7(32/64bit) • Multi-Language: English / German / French / Italian / Spanish / Traditional Chinese / Simplified Chinese / Japanese / Arabic / Portuguese / Korean / Russian.

WNUD1100

Wireless-N USB Adapter



The WNUD1100 Wireless N USB Adapter complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 150Mbps. The USB adapter with internal Omni-directional antennas works well with other 11g and 11n protocol wireless products this product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

Key Features

- Complies with IEEE 802.11n(draft 2.0), IEEE 802.11g, IEEE 802.11b standards
- Provides USB 2.0 Hi-Speed interface
- 20/40MHz interoperable channels dramatically increase performance
- Up to 150Mbps data transfer rate in 802.11n mode of operation
- Supports Wi-Fi Protected Security (WPS), supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES), supports MIC,IV Expansion, Shared Key Authentication, IEEE 802.1X
- Simple Configuration and monitoring
- Compatible with 802.11g and 11b equipment, Intel Centrino Compatibility tested

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.11n(draft 2.0) • IEEE 802.11g • IEEE 802.11b • CSMA/CA with ACK
Interface	<ul style="list-style-type: none"> • USB2.0
Frequency Range	<ul style="list-style-type: none"> • 2.4GHz-2.4835GHz
Spread Spectrum	<ul style="list-style-type: none"> • DSSS
Channel	<ul style="list-style-type: none"> • 1~11 (US, Canada) • 1~13 (Europe) • 1~14 (Japan)
Data Rate	<ul style="list-style-type: none"> • 11n: 150/135/121.5/108/81/54/40.5/27/13.5Mbps, 130/117/104/78/52/39/26/13Mbps, 65/58.5/52/39/26/19.5/13/6.5Mbps • 11g: 54/48/36/24/18/12/9/6M (adaptive) • 11b: 11/5.5/2/1M (adaptive)
Modulation	<ul style="list-style-type: none"> • BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Transmission Distance	<ul style="list-style-type: none"> • Indoor up to 100m , outdoor up to 300m (it is limited in an environment)
Transmit Power	<ul style="list-style-type: none"> • 18dBm
Receive Sensitivity@PE	<ul style="list-style-type: none"> • 11n: -88dBm@10% PER • 11g: -92dBm@10% PER • 11b: -95dBm@8% PER
Antenna plus	<ul style="list-style-type: none"> • 1X 2dBi
LED Indicator	<ul style="list-style-type: none"> • Status
Data Security	<ul style="list-style-type: none"> • WPA; 64/128-bit WEP; TKIP/AES
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C~40°C (32°F~104°F)
Operating Humidity	<ul style="list-style-type: none"> • 10%~90% non-condensing

Dimensions	<ul style="list-style-type: none"> • 80mm*28mm*10mm
Certifications	<ul style="list-style-type: none"> • CE, FCC
Operation System	<ul style="list-style-type: none"> • WIN2000/XP/VISTA

WNUD1150H

High Power Wireless-N USB Adapter



WNUD1150H mainly provides to search the router and connects it. It also makes connection to the internet much easier with the best signal of auto detecting type.

While detecting internet connection with other computer based on working mode, security mechanism such as WEP/WPA/WPA2/WPS...and so on, can be used to ensure the security level of networking environment.

With its high power design, users can experience a broader coverage of wireless network and better networking performance.

WNUD1150H is a networking solution product designed for application in small home, business and outside environments, it's not only secure, reliable but also easy to operate and use.

Key Features

- High Speed up to 150Mbps downstream data rate
- USB 2.0 Interface for drawing power from USB port on Laptops and PCS
- Support 20MHz and 40MHz bandwidth
- Support Soft AP
- Supports Multiple BSSID
- Advanced QoS feature: WMM for traffic management
- Advanced wireless security, 64/128 Bit WEP/WPA/WPA2
- Complies with IEEE 802.11b/g and IEEE 802.11n

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.11b • IEEE802.11g • IEEE 802.11n
Channels	<ul style="list-style-type: none"> • 1~11 for FCC • 1~13 for ETSI
Media Access Control	<ul style="list-style-type: none"> • CSMA/CA
USB Port	<ul style="list-style-type: none"> • One USB 2.0 A-Type
Modulation	<ul style="list-style-type: none"> • 11b: DSSS with BPSK, QPSK, CCK • 11g: OFDM with BPSK, QPSK, 16QAM, 64QAM • 11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Data Rate	<ul style="list-style-type: none"> • 11b: 11/5.5/2/1 Mbps • 11g: 54/48/36/24/18/12/9/6 Mbps • 11n (20MHz): up to 72 Mbps • 11n (40MHz): up to 150 Mbps
Security	<ul style="list-style-type: none"> • WEP 64/128, WPA, WPA2, WPA Mixed
Antenna	<ul style="list-style-type: none"> • 1 x External 5dBi detachable Wi-Fi antennas.
Transmit Power	<ul style="list-style-type: none"> • 11b:25 +/-1.0dBm @ Normal Temp Range, typical • 11g:20 +/-1.0dBm @ Normal Temp Range, typical • 11n (20/40MHz):19 +/-1.0dBm @ Normal Temp Range, typical
Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -95 dBm • 11g: -92 dBm • 11n (20MHz): -90 dBm • 11n (40MHz): -90 dBm
Working mode	<ul style="list-style-type: none"> • Infrastructure • Ad-Hoc

Driver support	<ul style="list-style-type: none"> • Windows2000, XP 32/64 bit, Vista 32/64, Win 7 32/64bit
Power Supply	<ul style="list-style-type: none"> • Output: DC 5V
Environment	<ul style="list-style-type: none"> • Operating Temperature:0° ~ 60°C • Storage Temperature: -20° ~ 70°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 490 x 260 x 100 mm

WNUD1150

Wireless N USB Adapter



The WNUD1150 Wireless N USB Adapter complies with IEEE 802.11n (1T2R), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 150Mbps. The USB adapter with internal Omni-directional antennas works well with other 11g and 11n protocol wireless products this product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

Key Features

- Complies with IEEE 802.11n (1T2R), IEEE 802.11g, IEEE 802.11b standards
- Provides USB 2.0 Hi-Speed interface
- 20/40MHz interoperable channels dramatically increase performance
- Up to 300/150 Mbps data transfer rate in 802.11n mode of operation
- Supports Wi-Fi Protected Security (WPS), supports 64/128-bit WEP, complies with 128 bit WPA standard (TKIP/AES), Shared Key Authentication, IEEE 802.1X , WPA2 (AES with 802.1x)
- WPS hardware button
- Comply with IEEE 802.11 e . Support WMM and WMM-PS

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b • CSMA/CA
Interface	<ul style="list-style-type: none"> • USB2.0
Frequency Range	<ul style="list-style-type: none"> • 2.4GHz-2.484GHz
Spread Spectrum	<ul style="list-style-type: none"> • DSSS
Channel	<ul style="list-style-type: none"> • 1~11 (US, Canada) ; 1~13 (Europe) ; 1~14 (Japan)
Data Rate	<ul style="list-style-type: none"> • 11n: HT20: Up to 72 Mbps, HT40: Up to 150 Mbps • 11g: 54/48/36/24/18/12/9/6Mbps • 11b: 11/5.5/2/1M
Modulation	<ul style="list-style-type: none"> • BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Transmission Distance	<ul style="list-style-type: none"> • Indoor up to 100m , outdoor up to 300m (it is limited in an environment)
Transmit Power	<ul style="list-style-type: none"> • 11b:17 +/-1.0dBm • 11g:14 +/-1.0dBm • 11n (20/40MHz):14 +/-1.0 dBm
Receive Sensitivity	<ul style="list-style-type: none"> • 11n: -90dBm@10% PER • 11g: -92dBm@10% PER • 11b: -95dBm@8% PER
Antenna	<ul style="list-style-type: none"> • 2(build in)
LED Indicator	<ul style="list-style-type: none"> • Status
Data Security	<ul style="list-style-type: none"> • WPA; 64/128-bit WEP; TKIP/AES
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C~40°C (32°F~104°F)
Operating Humidity	<ul style="list-style-type: none"> • 10%~90% non-condensing
Dimensions	<ul style="list-style-type: none"> • 35mm*19mm*8mm

Certifications	<ul style="list-style-type: none"> • CE, FCC
Operation System	<ul style="list-style-type: none"> • WIN2000/XP/VISTA 32/64, WIN 7 32/64

CAR-970

High Power Wireless-N 4-port ADSL 2/2+ Modem Router



CAR-970 is a high power wireless-n 4 port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point.

CAR-970 ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps.

Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Compliant with ITU-T ADSL, ADSL2 and ADSL2+
- Compliant with ITU-T G.992.1(G.dmt), G.992.2(G.lite), G.992.3(G.dmt.bis/ADSL2), G.992.4(G.lite.bis/ADSL2), G.992.5(ADSL2+) and ANSI T1.413 Issue2
- ADSL2+ compliance raises downward link rate to 24Mbps and upstream rate to 1Mbps
- Supports Bridging and Routing protocols
- Supports ATM QoS and IP QoS
- Support advanced 1 x 1 Technology with up to
- 150Mbps rate for wireless connection.

Specifications

ATM	<ul style="list-style-type: none"> • ATM cells over ADSL/AAL5 • Supports up to 8 Virtual Channel Connections • Supports UBR, CBR, rt-VBR and nrt-VBR traffic classes and shaping • Supports Dying Gasp(option) 	Media Access Control	<ul style="list-style-type: none"> • CSMA/CA
Management	<ul style="list-style-type: none"> • Telnet with CLI(Command line interface) and Web-based GUI for user configuration and management • Supports SNMP • ACL(Access Control List) configuration • UPnP • SNMP client for Time Zone update • Firmware upgrade via HTTP • Configuration backup and restore 	Features	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x) • WPS (software PBC, PIN code) • Access Control, Black list/White list
Bridging	<ul style="list-style-type: none"> • Supports RFC1483 • Supports 802.1p/Q • Supports VLAN • Supports IGMP snooping 	RF Output Power (Typical)	<ul style="list-style-type: none"> • 802.11b: up to 27 ±1 dBm • 802.11g: up to 25 ±1 dBm • 802.11n: up to 20 ±1 dBm
Routing	<ul style="list-style-type: none"> • PPPoE, PPP over ATM and IP over ATM • Static route, RIP v1 and RIP v2 • DHCP(Dynamic Host Configuration Protocol) server and client • IGMPv1/v2/v3 • Supports QoS • DDNS 	Interface	<ul style="list-style-type: none"> • Four Ethernet port with RJ-45 connectors • One pair (2-wire) with RJ-11 connector • Power input: DC 12V/1A • One Reset button • One Power jack • One power ON/OFF switch • One SMA connector
Storage Humidity	<ul style="list-style-type: none"> • 10% ~ 90% (Non-condensing) 		
Operation Temperature	<ul style="list-style-type: none"> • Operation: 0°C ~ 60°C 		
Security/Firewall	<ul style="list-style-type: none"> • IP/Port /MAC filtering • URL filtering • Application Filtering 		
Frequency Band	<ul style="list-style-type: none"> • 2.412~2.484GHz 		

CAR-971

Wireless-N Single port ADSL 2/2+ Modem Router



CAR-971 is a single port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router and an ADSL2+ Full Rate Modem.

CAR-971 ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps.

Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Compliant with ITU-T ADSL, ADSL2 and ADSL2+
- Compliant with ITU-T G.992.1(G.dmt), G.992.2(G.lite), G.992.3(G.dmt.bis/ADSL2), G.992.4(G.lite.bis/ADSL2), G.992.5(ADSL2+) and ANSI T1.413 Issue2
- ADSL2+ compliance raises downward link rate to 24Mbps and upstream rate to 1Mbps
- Supports Bridging and Routing protocols
- Supports ATM QoS and IP QoS
- Support advanced 1 x 1 Technology with up to
- 150Mbps rate for wireless connection.

Specifications

ATM	<ul style="list-style-type: none"> • ATM cells over ADSL/AAL5 • Supports up to 8 Virtual Channel Connections • Supports UBR, CBR, rt-VBR and nrt-VBR traffic classes and shaping • Supports Dying Gasp(option) 	Frequency Band	• 2.412~2.484GHz
Management	<ul style="list-style-type: none"> • Telnet with CLI(Command line interface) and Web-based GUI for user configuration and management • Supports SNMP • ACL(Access Control List) configuration • UPnP • SNMP client for Time Zone update • Firmware upgrade via HTTP • Configuration backup and restore 	Media Access Control	• CSMA/CA
Bridging	<ul style="list-style-type: none"> • Supports RFC1483 • Supports 802.1p/Q • Supports VLAN • Supports IGMP snooping 	Features	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x) • WPS (software PBC, PIN code)
Routing	<ul style="list-style-type: none"> • PPPoE, PPP over ATM and IP over ATM • Static route, RIP v1 and RIP v2 • DHCP(Dynamic Host Configuration Protocol) server and client • IGMPv1/v2/v3 • Supports QoS • DDNS 	RF Output Power (Typical)	<ul style="list-style-type: none"> • RF Output Power (Typical) • 802.11b: up to 17 ±1 dBm • 802.11g: up to 15 ±1 dBm • 802.11n: up to 14 ±1 dBm
Storage Humidity	• 10% ~ 90% (Non-condensing)	Interface	<ul style="list-style-type: none"> • One Ethernet port with RJ-45 connector • One pair (2-wire) with RJ-11 connector • USB device interface (option) • One fixed antenna • One Reset button • One Power jack • One power ON/OFF switch
Operation Temperature	• Operation: 0°C ~ 60°C		
Security/Firewall	<ul style="list-style-type: none"> • IP/Port /MAC filtering • URL filtering • Application Filtering 		

CAR-974

Wireless-N 4-port ADSL 2/2+ Modem Router



CAR-974 is a wireless-n 4 port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point.

CAR-974 ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps.

Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Compliant with ITU-T ADSL, ADSL2 and ADSL2+
- Compliant with ITU-T G.992.1(G.dmt), G.992.2(G.lite), G.992.3(G.dmt.bis/ADSL2), G.992.4(G.lite.bis/ADSL2), G.992.5(ADSL2+) and ANSI T1.413 Issue2
- ADSL2+ compliance raises downward link rate to 24Mbps and upstream rate to 1Mbps
- Supports Bridging and Routing protocols
- Supports ATM QoS and IP QoS
- Support advanced 1 x 1 Technology with up to
- 150Mbps rate for wireless connection.

Specifications

ATM	<ul style="list-style-type: none"> • ATM cells over ADSL/AAL5 • Supports up to 8 Virtual Channel Connections • Supports UBR, CBR, rt-VBR and nrt-VBR traffic classes and shaping • Supports Dying Gasp(option) 	Media Access Control	<ul style="list-style-type: none"> • CSMA/CA
Management	<ul style="list-style-type: none"> • Telnet with CLI(Command line interface) and Web-based GUI for user configuration and management • Supports SNMP • ACL(Access Control List) configuration • UPnP • SNMP client for Time Zone update • Firmware upgrade via HTTP • Configuration backup and restore 	Features	<ul style="list-style-type: none"> • 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x) • WPS (software PBC, PIN code) • Access Control , Black list/White list
Bridging	<ul style="list-style-type: none"> • Supports RFC1483 • Supports 802.1p/Q • Supports VLAN • Supports IGMP snooping 	RF Output Power (Typical)	<ul style="list-style-type: none"> • 802.11b: up to 17 ±1 dBm • 802.11g: up to 15 ±1 dBm • 802.11n: up to 14 ±1 dBm
Routing	<ul style="list-style-type: none"> • PPPoE, PPP over ATM and IP over ATM • Static route , RIP v1 and RIP v2 • DHCP(Dynamic Host Configuration Protocol) server and client • IGMPv1/v2/v3 • Supports QoS • DDNS 	Interface	<ul style="list-style-type: none"> • Four Ethernet port with RJ-45 connectors • One pair (2-wire) with RJ-11 connector • One fixed antenna • One Reset button • One Power jack • One power ON/OFF switch
Storage Humidity	<ul style="list-style-type: none"> • 10% ~ 90% (Non-condensing) 		
Operation Temperature	<ul style="list-style-type: none"> • Operation: 0°C ~ 60°C 		
Security/Firewall	<ul style="list-style-type: none"> • IP/Port /MAC filtering • URL filtering • Application Filtering 		
Frequency Band	<ul style="list-style-type: none"> • 2.412~2.484GHz 		

CAR-854

Wireless-G 4-port ADSL 2/2+ Modem Router



CNet CAR-854 is a 4 port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point. CAR-854 ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps. Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Full rate operation at data rate up to 24Mbps downstream and
- 1Mbps upstream enables High-speed Internet access
- Easy Installation with Plug-and-Play Convenience
- Supports Broadband Forum TR-069 for remote management

Specifications

ADSL Data Mode	<ul style="list-style-type: none"> • G.992.1 (G.DMT): Downstream and Upstream data rates up to 8Mbps and 1Mbps • G.992.2 (G.Lite): Downstream and Upstream data rates up to 1.5Mbps and 512Kbps • G.992.3 (G.dmt.bis/ADSL2): Downstream and Upstream data rates up to 12Mbps and 1Mbps • G.992.5 (ADSL 2+): Downstream and Upstream data rates up to 24Mbps and 1Mbps 	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 60°C • Storage Temperature: -20° ~ 70°C • Humidity: 10% ~ 90% Non-condensing
Bridging/Rouetr Protocols	<ul style="list-style-type: none"> • IEEE802.1P/Q VLAN handling • IP v4/v6, TCP, UDP; packet auto-detection • TCP, UDP; IP checksum task offload • DHCP, NAT and higher IP layer processing 	PCB Dimensions (L x W x H)	• 152 x 100 x 1.6mm
Interface	<ul style="list-style-type: none"> • One RJ-11 port for ADSL connection • Four 10/100Mbps RJ-45 LAN Ports • One SMA connector • One reset button • One power jack • One power ON / OFF switch 	Certifications	• CE, FCC
LAN Mode	<ul style="list-style-type: none"> • ATM SAR with up to 8 distinct VCC's (Virtual Channel Connections) • ATM AAL5 support for CBR, UBR, VBR-rt, and VBR-nrt • F4/F5 OAM cell support, HEC, CRC 	Wireless Protocol and Encapsulation	
WAN Mode	<ul style="list-style-type: none"> • PPP over ATM • PPP over Ethernet 	Operation channel	• 2.412~2.462GHz / 11 Channel
Security	<ul style="list-style-type: none"> • User Authentication for PPP • PAP (Password Authentication Protocol), CHAP (Challenge Authentication Protocol) • Password Protected System Management 	Access/Protocol	• CSMA/CA
Power Adapter	• DC 12V, 1A	Security	<ul style="list-style-type: none"> • 64/128bit WEP • WPA (TKIP with IEEE 802.11x) • WPA2(AES with IEEE 802.11x)
		RF Output Power (Typical)	<ul style="list-style-type: none"> • 802.11b: up to 17±1dBm • 802.11g: up to 14±1dBm
		Data Rate	<ul style="list-style-type: none"> • 802.11b: 11, 5.5, 2 & 1Mbps with auto-rate fall back • 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps

CAR2-601U

Combo Port ADSL2/2+ Modem Router



CNet CAR2-601U is a single port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point. CAR2-601U ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps. Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Enables end-to-end ATM support, which allows traffic management and QoS
- Easy-to-Use Setup Wizard
- Supports Broadband Forum TR-069 for remote management

Specifications

ADSL Data Mode	<ul style="list-style-type: none"> • G.992.1 (G.DMT): Downstream and Upstream data rates up to 8Mbps and 1Mbps • G.992.2 (G.Lite): Downstream and Upstream data rates up to 1.5Mbps and 512Kbps • G.992.3 (G.dmt.bis/ADSL2): Downstream and Upstream data rates up to 12Mbps and 1Mbps • G.992.5 (ADSL 2+): Downstream and Upstream data rates up to 24Mbps and 1Mbps 	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 50°C • Storage Temperature: -20° ~ 70°C • Humidity: 20% ~ 80% Non-condensing
Bridging/Router Protocols	<ul style="list-style-type: none"> • Ethernet to ADSL self-learning transparent bridging(IEEE802.1D) • Support up to 128 MAC learning address • NAT (Network address Translation) • DHCP (Dynamic Host Configuration Protocol) Server, Client • IPCP (Internet Protocol Configuration Protocol) • PPP (Point to Point Protocol) • RIP (Routing Information Protocol) 	PCB Dimensions (L x W x H)	• 120 x 80 x 1.6mm
Interface	<ul style="list-style-type: none"> • One RJ-11 jack for phone line connection • One 10/100Mbps RJ-45 LAN Ports • One USB port • One reset button • One power jack • One power ON / OFF switch 	Certifications	• CE, FCC
Security	<ul style="list-style-type: none"> • User Authentication for PPP • PAP (Password Authentication Protocol), • CHAP (Challenge Authentication Protocol) • Password Protected System Management 		
Firewall	• DoS, IP Spoofing, and other common types of attacks		
Power Adapter	• DC 9V, 0.5A		

CAR2-604U

4-port ADSL 2/2+ Modem Router



CNet CAR2-604U is a 4 port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point. CAR2-604U ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps. Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Enables end-to-end ATM support, which allows traffic management and QoS
- Easy-to-Use Setup Wizard
- Supports Broadband Forum TR-069 for remote management

Specifications

Interface	<ul style="list-style-type: none"> • One USB port compliant with USB v1.1, full speed (12Mbps) • Four 10/100M 802.3u (RJ-45) interface with auto MDI/MDI-X • One RJ11 port for ADSL connection • One reset button for restoration of factory default setting • One Power ON/OFF switch 	WAN Mode	<ul style="list-style-type: none"> • PPP over ATM • PPP over Ethernet
ADSL Compliance	<ul style="list-style-type: none"> • ANSI T1.413 Issue 2 • ITU-T G.922.1 (G.dmt) • ITU-T G.922.2 (G.lite) • ITU-T G.994.1 (G.hs) • ITU-T G.992.3 ADSL2 G.dmt.bis • ITU-T G.992.4 ADSL2 G.lits.bis • ITU-T G.992.5 ADSL2+ • ADSL2/2+ Annex L/M 	LAN Mode	<ul style="list-style-type: none"> • ATM SAR with up to 8 distinct VCC's (Virtual Channel Connections) • ATM AAL5 support for CBR, UBR, VBR-rt, and VBR-nrt • F4/F5 OAM cell support, HEC, CRC
Bringing/Router Protocol	<ul style="list-style-type: none"> • IEEE 802.1p/q VLAN handing • IPv4/v6, TCP, UDP, packet auto detection • TCP, UDP, IP checksum take offload • DHCP, NAT, DNS, DDNS and higher IP layer processing • VPN Pass-Through for IPSec, PPTP and L2TP 	Management	<ul style="list-style-type: none"> • Firmware backup, restore and upgrade • SNMP and TR-069 supported • Web-based user interface • User password and Access Control List configuration • System status and traffic statistics
Security	<ul style="list-style-type: none"> • User Authentication for PPP • PAP (Password Authentication Protocol), CHAP (Challenge Authentication Protocol) • Password Protected System Management 	LED	<ul style="list-style-type: none"> • 1 x Power: Green • 1 x ADSL: Green • 4 x LAN: Green
Firewall	<ul style="list-style-type: none"> • IP/Port Filtering • MAC Address Filtering • Port Forwarding • URL Blocking • Domain Blocking • DMZ 	Power	<ul style="list-style-type: none"> • AC 100V ~ 240V • Output: DC 12V/1.0A
		Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
		Certifications	<ul style="list-style-type: none"> • CE, FCC
		Dimensions (W x H x D)	<ul style="list-style-type: none"> • 198.4 x 106.8 x 34.56 mm

CAR2-701U

Combo Port ADSL2/2+ Modem Router



CNet CAR2-701U is a single port Ethernet ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, and a 10/100BASE-TX switch ports – all in a single chassis and at a breakthrough price point. CAR2-701U ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps. Moreover, firewall protection secures the computers and network against hackers.

Key Features

- Enables end-to-end ATM support, which allows traffic management and QoS
- Easy-to-Use Setup Wizard
- Supports Broadband Forum TR-069 for remote management

Specifications

ADSL Data Mode	<ul style="list-style-type: none"> • G.992.1 (G.DMT): Downstream and Upstream data rates up to 8Mbps and 1Mbps • G.992.2 (G.Lite): Downstream and Upstream data rates up to 1.5Mbps and 512Kbps • G.992.3 (G.dmt.bis/ADSL2): Downstream and Upstream data rates up to 12Mbps and 1Mbps • G.992.5 (ADSL 2+): Downstream and Upstream data rates up to 24Mbps and 1Mbps 	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 50°C • Storage Temperature: -20° ~ 70°C • Humidity: 20% ~ 80% Non-condensing
Bridging/Router Protocols	<ul style="list-style-type: none"> • Ethernet to ADSL self-learning transparent bridging(IEEE802.1D) • Support up to 128 MAC learning address • NAT (Network address Translation) • DHCP (Dynamic Host Configuration Protocol) Server, Client • IPCP (Internet Protocol Configuration Protocol) • PPP (Point to Point Protocol) • RIP (Routing Information Protocol) 	PCB Dimensions (L x W x H)	• 120 x 80 x 1.6mm
Interface	<ul style="list-style-type: none"> • One RJ-11 jack for phone line connection • One 10/100Mbps RJ-45 LAN Ports • One USB port • One reset button • One power jack • One power ON / OFF switch 	Certifications	• CE, FCC
Security	<ul style="list-style-type: none"> • User Authentication for PPP • PAP (Password Authentication Protocol), • CHAP (Challenge Authentication Protocol) • Password Protected System Management 		
Firewall	• DoS, IP Spoofing, and other common types of attacks		
Power Adapter	• DC 9V, 0.5A		

CM56S

V.92 56Kbps Internal Data/Fax Modem



CM56S is an internal software modem. The V.92 technology saves your time and money with nearly twice faster than the download speed of V.34 modems. The plug-&-play function simplifies your installation in a few minutes

Key Features

- Connect Faster: Quick Connect Reduces up to 50% of Start-up/Connect Time
- Upload Faster: 48 Kbps Maximum Upload Speed Reduces the time for Files Transmission
- Modem-on-Hold Feature Allows Users to Receive an Incoming Call and Stay Connected to the Internet

Specifications

Data Mode	<ul style="list-style-type: none"> • ITU-T V.92 Data Modem with receive rates up to 56K bps and send rates up to 48 Kbps • ITU-T V.90 Data Modem with receive rates up to 56K bps and send rates up to V.34 rates • ITU-T V.34, V.32 bis, V.32, V.22 bis, V.22, V.23, and V.21, Bell 212A and Bell 103 • ITU-T V.42 LAPM and MNP 2-4 Error Correction • ITU-T V.44, V.42 bis and MNP 5 Data Compression
Fax Mode	<ul style="list-style-type: none"> • Fax Modem with send and receive rates up to 14.4 kbps • ITU-T V.17, V.29, V.27 ter, and V.21 channel 2 • EIA/TIA 578 Class 1 and T.31 class 1.0 command sets
Interface	<ul style="list-style-type: none"> • Two RJ-11 jacks for line & phone connection • PCI Rev 2.2 compliant interface for host computer
System Requirement	<ul style="list-style-type: none"> • Pentium 166 MHz MMX-compatible PC or Greater • 32 Mbytes RAM or More • 50 Mbytes Free Disk Space or More
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 55°C • Storage Temperature : -10°C ~ 80°C • Humidity: 10% ~ 90% Non-Condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions(L x W)	<ul style="list-style-type: none"> • 114 x 39mm
Software Support	<ul style="list-style-type: none"> • MS Windows 98SE/ME/2000/XP

CMU-470

56kbps USB Software Modem



With CMU-470, you can connect to the Internet using your dial-up service. Small, lightweight, and easy to install, CMU-470 is a simple external USB modem that's perfect for people who use a dial-up connection to access the Internet.

Key Features

- Software Based Modem
- V.92 protocol support, Quick connect
- Up to 56kbps downstream and 48kbps upstream data rate
- Caller ID Detection
- Windows Plug and Play

Specifications

Chipset	<ul style="list-style-type: none">• Agere
Interface	<ul style="list-style-type: none">• One USB 2.0 interface• One RJ11 jack for telephone line
Data Speed	<ul style="list-style-type: none">• 56000 (downstream), 33600, 31200, 28800, 26400, 21600, 19200, 16800, 14400, 12000, 9600, 7200, 4800, 2400, 1200 and 300bps Receiving rate up to 56kbps and transmit rate up to 33.6kbps
Dial Type	<ul style="list-style-type: none">• Tone and Pulse
Data modem capabilities	<ul style="list-style-type: none">• ITU-T V.92 data mode with receive rates up to 56Kbps and transmit rates up to 48Kbps• V.90 data mode with receive rates up to 56Kbps and transmit rates up to 33.6Kbp• ITU-T V.44, V.42bis and MNP 5 data compression• ITU-T V.42 LAPM and MNP 2-4 error correction• VITU-T V.34, V.32bis, V.32, V.23, V.22bis, V.22, and V.21• Bell 212A and Bell 103
Flow control	<ul style="list-style-type: none">• XON/XOFF, CTS/RTS
Optional	<ul style="list-style-type: none">• Fax mode with data rates up to 14.4Kbps• On-hook Caller ID detection (for V.92 only)• Telephone Answering Machine (TAM)• Linux driver support• Caller ID detection
Dial Type	<ul style="list-style-type: none">• Tone and Pulse
Driver support	<ul style="list-style-type: none">• MS Windows 98SE/ME/2000/XP
Command set	<ul style="list-style-type: none">• AT command set
Certifications	<ul style="list-style-type: none">• CE, FCC
Dimensions (L x W x H)	<ul style="list-style-type: none">• 75 (L) x 25 (W) x 18 (H)mm

ProG-2000S

32-bit Gigabit Ethernet PCI Adapter



Gigabit to the desktop!! CNet's ProG-2000S Adapter delivers a robust Gigabit transmission to your desktop at high speed. ProG-2000S is designed to run on intense network applications quickly and inexpensively. Moreover, the advanced features ensure your connection easier. Just upgrade your PC with 32-bit professional adapter to speed up the networking.

Key Features

- Easy and Cost Effective Choice to Gigabit Ethernet.
- Complies with the Ethernet IEEE802.3 CSMA/CD, 1000BASE-LX/SX, 1000BASE-T, 100BASE-TX, 10BASE-T Industry Standard.
- 32/64bits PCI Local Bus Master Architecture
- Supports IEEE 802.1q VLAN.
- Supports IEEE 802.1p.
- Supports IEEE 802.3x.
- Supports Jumbo Frame
- Auto-Sensing 10/100/1000Mbps Speed.
- Plug-and-Play for Automatic Configuration.
- 2 LED Indicator (Link, Act)
- Low Power Consumption

Specifications

Standards	<ul style="list-style-type: none"> • Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Bus Type	<ul style="list-style-type: none"> • PCI-Bus 2.2, 32bits, 33MHz, 5v
Network Interface	<ul style="list-style-type: none"> • One (1) shielded RJ-45 phone-type jack
Network Modes Supported	<ul style="list-style-type: none"> • 1000 Base-T: 4 pair CAT5 TP cable required • 100 Base-TX: 2 pair CAT 5 TP cable required • 10 Base-T: 2 pair CAT 3, 4, and 5 TP supported • Full-Duplex available in 3 modes
LED Indicators	<ul style="list-style-type: none"> • Two LEDs support for display 10/100/1000 Link, Activity status
Advanced Features	<ul style="list-style-type: none"> • 802.1Q: VLAN • 802.1P: Packet Prioritization • 802.3x: Flow Control
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C (32° ~ 104°F) • Storage Temperature: -20° ~ 60°C (-4° ~ 140°F) • Humidity: 10% ~ 90% Non-Condensing
Dimensions	<ul style="list-style-type: none"> • 133 x 121 x 22mm
Certification	<ul style="list-style-type: none"> • FCC, CE, RoHS
Operating System	<ul style="list-style-type: none"> • MS Windows 98SE/ME/2000/NT4.0/XP/Vista • Linux • Novell Netware 3.x/4.x/5.x/Client32

ProG-2000E

PCI Express Gigabit Ethernet Adapter



The ProG-2000E is a high performance Gigabit Ethernet adapter designed for PCI Express Bus, which has better performance than the current PCI interface.

With supporting connection speed up to 1000 Mbps, the ProG-2000E boost your networking throughput easily. It allows users to transfer high-bandwidth needed files faster and hence get a real efficiency improvement.

The ProG-2000E also support NWay auto-negotiation that detects the networking speed (10/100/1000 Mbps) and the duplex modes (full/half) automatically. Auto-MDI/MDI-X is also supported to alleviate the effort choosing crossover cables.

Key Features

- Compliant with PCI Express 1.0a - x1 PCI Express standard
- Supports with 10/100/1000 Mbps and Full/Half-Duplex auto negotiation.
- Supports Auto-MDI/ MDI-X auto crossover.
- Supports Wake-On-LAN
- ACPI Power Management, compliant to ACPI 2.0
- Integrated 128KB Frame Buffer Memory
- Supports Windows 2000/X64/XP

Specifications

Standard	• IEEE 802.3/ 802.3u/ 802.3ab/ 802.3x
MDI/MDI-X	• Supports Auto MDI/MDI-X
BUS architecture	• PCI Express
Port	• 1 * 10/100/1000 Mbps RJ-45 port
Emission	• FCC Class B, CE, VCCI Class B
LED	• LNK/ACT: 10Mbps; 100Mbps; 1000Mbps
Environment	• Operating temperature: 0°C- 40°C (32°F- 104°F), Operating humidity: 10% ~ 90% (non-condensing)

CBA-907

802.11b/g/n Indoor Signal Booster with 9dBi Antenna



Key Features

- Work with IEEE 802.11b/g/n wireless LAN devices.
- Stronger output power improves the link quality and coverage
- Analog Gain control and Power control
- Maximum output power: 1000mW

Struggling to get wireless signals in your office? CBA-907 can increase the effective range and coverage area of your 802.11b or 802.11g or 802.11n network. The added signal strength also helps speed up your close-range communications.

The CBA-907 signal booster saves wiring costs and helps to build corporate wireless infrastructure by driving even into those distant, reflective corners and hand-to-reach areas. Plus, it's perfect for covering large areas such as warehouse or public places, anywhere you need extra coverage for your wireless LAN environment.

Specifications

Connector	<ul style="list-style-type: none"> • Reserve SMA jack x 1
System Requirement	<ul style="list-style-type: none"> • 802.11b/g/n Wireless Network • 802.11b/g/n Wireless PCI Network Adapter with a Removable Antenna • 802.11b/g/n Wireless USB Network Dongle / Adapter with a Removable Antenna • 802.11b/g/n Wireless Access Point or Router • 802.11b/g/n Wireless Bridge
Frequency Bandwidth	<ul style="list-style-type: none"> • 2.4GHz ~ 2.5GHz
RF Input / Output Power (Typical)	<ul style="list-style-type: none"> • Input Power: 1 ~ 18dBm, • Output Power: 30dBm (MAX)
Receive Input Power / Gain	<ul style="list-style-type: none"> • Input Power: -16dBm (MAX) • Gain: 12dB typical
Antenna	<ul style="list-style-type: none"> • One 9dBi Panel Antenna
LED	<ul style="list-style-type: none"> • 1 x Power • 1 x Transmit
Power Supply	<ul style="list-style-type: none"> • DC 5V/1A
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 40°C • Storage Temperature: -10°C ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Mounting	<ul style="list-style-type: none"> • Wall mount • Hose mount
Antenna Cable Length	<ul style="list-style-type: none"> • 160cm
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 100 x 90 x 256 mm

CBA-909

Wireless B/G/N Indoor Signal Booster



The CBA-909 Wireless b/g/n indoor booster complies with IEEE 802.11n, IEEE 802.11g, and IEEE 802.11b devices. With stronger output power improves the link quality and coverage. The booster with 9dBi Omni antennas works well with other 11b, 11g and 11n protocol wireless products this product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated bigger coverage in order to assure quality.

Key Features

- Complies with IEEE 802.11b/g/n wireless LAN devices
- Stronger output power improves the coverage and link quality
- Analog Gain control and Power control
- Linear Output Power is 21dBm/ IEEE 802.11n
- Linear Output Power is 24dBm/ IEEE 802.11g
- Linear Output Power is 29dBm/ IEEE 802.11b
- MSL 1 (Moisture Sensitivity Levels)
- Tx LED (Blue) and Power LED (Blue)

Specifications

Application	<ul style="list-style-type: none"> • IEEE 802.11n, IEEE 802.11g, IEEE 802.11b • Access Point, Router, PCI, USB Adapter
Interface	<ul style="list-style-type: none"> • Reverse SMA
Frequency Range	<ul style="list-style-type: none"> • 2.4GHz-2.5GHz
Spread Spectrum	<ul style="list-style-type: none"> • DSSS
Antenna	<ul style="list-style-type: none"> • 9 dBi Omni-antenna
RF Input/ Output Power	<ul style="list-style-type: none"> • Input Power 1-19 dBm • Output Power 30dBm (Max)
Receive Input Power / Gain	<ul style="list-style-type: none"> • Input Power -16dBm (Max) • Gain: 12dB
LED Indicator	<ul style="list-style-type: none"> • Status
Storage Temperature	<ul style="list-style-type: none"> • -20°C~70°C
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C~40°C (32°F~104°F)
Operating Humidity	<ul style="list-style-type: none"> • 10%~90% non-condensing
Dimensions	<ul style="list-style-type: none"> • 100mm*90mm*420mm
Certifications	<ul style="list-style-type: none"> • CE, FCC

CSH-500

5-Port Fast Ethernet Switch



CSH-500 is for easy and economical networking building.

Just easily add computers , printer, NAS, IP Cam, multimedia player or broadband router to your network

To enable a perfect digital life with your friends and families.

Key Features

- 5 ports with Auto-Negotiation function
- Supports Auto MDI/MDI-X to detect and correct crossover cables
- Plug & play with easy-to-read diagnostic LEDs
- Broadcast storm control

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3: 10BASE-T • IEEE 802.3u: 100BASE-TX • IEEE 802.3x: Flow control
Ports	<ul style="list-style-type: none"> • Five (5) ports 100BASE-TX/10BASE-T
Media Support	<ul style="list-style-type: none"> • 100BASE-TX: Category 5 TP • 10BASE-T: Category 3, 4 or 5 TP
Bandwidth	<ul style="list-style-type: none"> • 100BASE-TX/10BASE-T: 200/100/20/10Mbps, via Auto-Negotiation
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 148810 packets/second per port @ 100Mbps, maximum • 14881 packets/second per port @ 10Mbps, maximum
Latency	<ul style="list-style-type: none"> • 3.1 μsec @100Mbps minimum • 14 μsec @ 10Mbps minimum
MAC Addresses	<ul style="list-style-type: none"> • 2K Six (6)-Bytes MAC address entries (maximum) • Self-Learning
Buffer Memory	<ul style="list-style-type: none"> • 384K bits
Duplex Modes	<ul style="list-style-type: none"> • All ports support Half-Duplex and Full-Duplex operation
Auto-MDI/MDIX	<ul style="list-style-type: none"> • All ports support Auto-MDI/MDIX
LED Indicators	<ul style="list-style-type: none"> • One (1) for Power On/Off • One (1) per port for Link/Activity
External Power Adapter	<ul style="list-style-type: none"> • Output 5VDC, 600mA
Power Consumption	<ul style="list-style-type: none"> • 5W maximum
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 45°C (32°F ~ 113°F) • Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F) • Humidity: 10% ~ 90% Non-Condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 118 x 70 x 25 mm (4.64 x 2.75 x 0.98 inches)

Network Switches

Fast Ethernet Switch (10/100Mbps)

CSH-800

8-Port Fast Ethernet Switch



CSH-800 is for easy and economical networking building.

Just easily add computers, printer, NAS, IP Cam, multimedia player or broadband router to your network

To enable a perfect digital life with your friends and families.

Key Features

- 8 ports with Auto-Negotiation function
- Supports Auto MDI/MDI-X to detect and correct crossover cables
- Plug & play with easy-to-read diagnostic LEDs
- Broadcast storm control

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3: 10BASE-T• IEEE 802.3u: 100BASE-TX• IEEE 802.3x: Flow control
Ports	<ul style="list-style-type: none">• Eight (8) ports 100BASE-TX/10BASE-T
Media Support	<ul style="list-style-type: none">• 100BASE-TX: Category 5 TP• 10BASE-T: Category 3, 4 or 5 TP
Bandwidth	<ul style="list-style-type: none">• 100BASE-TX/10BASE-T: 200/100/20/10Mbps, via Auto-Negotiation
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 148810 packets/second per port @ 100Mbps, maximum• 14881 packets/second per port @ 10Mbps, maximum
Latency	<ul style="list-style-type: none">• 3.1 μsec @ 100Mbps minimum• 14 μsec @ 10Mbps minimum
MAC Addresses	<ul style="list-style-type: none">• 1K Six (6)-Bytes MAC address entries (maximum)• Self-Learning
Buffer Memory	<ul style="list-style-type: none">• 512K bits
Duplex Modes	<ul style="list-style-type: none">• All ports support Half-Duplex and Full-Duplex operation
Auto-MDI/MDIX	<ul style="list-style-type: none">• All ports support Auto-MDI/MDIX
LED Indicators	<ul style="list-style-type: none">• One (1) for Power On/Off• One (1) per port for Link/Activity
External Power Adapter	<ul style="list-style-type: none">• Output 5VDC, 600mA
Power Consumption	<ul style="list-style-type: none">• 5W maximum
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C ~ 45°C (32°F ~ 113°F)• Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F)• Humidity: 10% ~ 90% Non-Condensing
Certifications	<ul style="list-style-type: none">• FCC, CE
Dimensions	<ul style="list-style-type: none">• 145 x 85 x 25 mm (5.7 x 3.35 x 0.98 inches)

CSH-1600/CSH-1600E

16-Port Fast Ethernet Switch



CNet CSH-1600 / CSH-1600E is a high performance 16-port 10/100Mbps Fast Ethernet Switch when you need to expand the network in the office.

CSH-1600E lets users divide their networks into 16 independent network segments. This makes shifting available bandwidths as easy as changing a cable.

Each port is further equipped with a built-in Auto-negotiation function that senses for speed, then automatically adjust accordingly. It is the perfect bridge for connecting 100Mbps with 10Mbps segments.

Key Features

- IEEE 802.3x and back pressure flow-control
- Supports full wire speed store-and-forward technology
- Bridging capability for 100Mbps and 10Mbps segments

Specifications

Model	CSH-1600E	CSH-1600
Standards	<ul style="list-style-type: none"> • IEEE 802.3: 10BASE-T • IEEE 802.3u: 100BASE-TX • IEEE 802.3x: Flow-control of Full-duplex operation 	
Ports	<ul style="list-style-type: none"> • 16 Ports 10BASE-T/100BASE-TX 	
Media Support	<ul style="list-style-type: none"> • 10BASE-T: Category 3, 4 or 5 TP • 100BASE-TX: Category 5 TP 	
Bandwidth	<ul style="list-style-type: none"> • 10BASE-T: 10/20Mbps • 100BASE-TX: 100/200Mbps 	
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14881 packets/second per port @ 10Mbps, maximum • 148810 packets/second per port @ 100Mbps, maximum 	
MAC Address	<ul style="list-style-type: none"> • Embedded 8K MAC Address Table, Self-learning 	
Packet Buffer Memory	<ul style="list-style-type: none"> • 2Mbits 	
Duplex Modes	<ul style="list-style-type: none"> • Supports Auto-negotiation and Auto-MDI/MDI-X functions 	
LED Indicators	<ul style="list-style-type: none"> • One LED displays Power status • One LED per port displays Link/ACT status 	
Power	<ul style="list-style-type: none"> • AC 100 ~ 240V input • DC 5V/1.2A output 	<ul style="list-style-type: none"> • Internal Full Range Auto-Switching • Input voltage: 100 ~ 240 +/-10% VAC/ 50 ~ 60 Hz
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C (32°F ~ 104°F) • Storage Temperature: -20° ~ 60°C (-4°F ~ 140°F) • Humidity: 10% ~ 90% Non-condensing 	
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 175 x 110 x 36mm (6.9 x 4.3 x 1.4 inches) 	<ul style="list-style-type: none"> • 215.5 x 133 x 42mm (8.5 x 5.2 x 1.7 inches)
Certifications	<ul style="list-style-type: none"> • CE, FCC, RoHS 	

Network Switches

Fast Ethernet Switch (10/100Mbps)

CSH-2400

24-Port Fast Ethernet Switch



CNet CSH-2400 is a high performance 24-port 10/100Mbps Fast Ethernet Switch when you need to expand the network in the office.

CSH-2400 lets users divide their networks into 24 independent network segments. This makes shifting available bandwidths as easy as changing a cable.

Each port is further equipped with a built-in Auto-negotiation function that senses for speed, then automatically adjust accordingly. It is the perfect bridge for connecting 100Mbps with 10Mbps segments.

Key Features

- IEEE 802.3x and back pressure flow-control
- Supports full wire speed store-and-forward technology
- Bridging capability for 100Mbps and 10Mbps segments

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3: 10BASE-T• IEEE 802.3u: 100BASE-TX• IEEE 802.3x: Flow-control of Full-duplex operation
Ports	<ul style="list-style-type: none">• 24 Ports 10BASE-T/100BASE-TX
Media Support	<ul style="list-style-type: none">• 10BASE-T: Category 3, 4 or 5 TP• 100BASE-TX: Category 5 TP
Bandwidth	<ul style="list-style-type: none">• 10BASE-T: 10/20Mbps• 100BASE-TX: 100/200Mbps
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14881 packets/second per port @ 10Mbps, maximum• 148810 packets/second per port @ 100Mbps, maximum
MAC Address	<ul style="list-style-type: none">• Embedded 8K MAC Address Table, Self-learning
Packet Buffer Memory	<ul style="list-style-type: none">• 1.75Mb
Duplex Modes	<ul style="list-style-type: none">• Support Auto-negotiation and Auto-MDI/MDI-X functions
LED Indicators	<ul style="list-style-type: none">• One LED displays Power status• One LED per port displays Link/ACT status
Power	<ul style="list-style-type: none">• Internal Full Range Auto-Switching• Input voltage: 100 ~ 240 +/-10% VAC/ 50 ~ 60 Hz
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F)• Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)• Humidity: 10% ~ 90% Non-condensing
Dimensions (L x W x H)	<ul style="list-style-type: none">• 442 x 130 x 44mm (17.40 x 5.12 x 1.73inches)

CSH-4800

48-Port Fast Ethernet Switch



CNet now offers an easy yet price-efficient 48-port 10/100Mbps Fast Ethernet Switch “CSH-4800” for network bandwidth expanding. With its built-in Auto-negotiation feature on each single port, CSH-4800 senses the speed and adjusts its port operation accordingly. It makes a perfect bridge for connecting and expanding small oddice network.

Key Features

- IEEE 802.3x and back pressure flow-control
- Supports full wire speed store-and-forward technology
- Bridging capability for 100Mbps and 10Mbps segments

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3: 10BASE-T • IEEE 802.3u: 100BASE-TX • IEEE 802.3x: Flow-control for Full-duplex operation
Ports	<ul style="list-style-type: none"> • 48 Ports 10BASE-T /100BASE-TX
Media Support	<ul style="list-style-type: none"> • 10BASE-T: Category 3, 4 , 5 UTP/STP • 100BASE-TX: Category 5 UTP/STP
Bandwidth	<ul style="list-style-type: none"> • 10BASE-T: 10/20Mbps • 100BASE-TX: 100/200Mbps
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port @ 10Mbps, maximum • 148810 packets/second per port @ 100Mbps, maximum
MAC Addresses	<ul style="list-style-type: none"> • 2K
Buffer Memory	<ul style="list-style-type: none"> • 2Mbits
Duplex Modes	<ul style="list-style-type: none"> • Support Auto-negotiation and Auto-MDI/MDI-X functions
LED Indicators	<ul style="list-style-type: none"> • One LED displays Power status • LED per port displays Link/ACT;10/100M status
Power Supply	<ul style="list-style-type: none"> • Internal Full Range Auto-Switching • Input voltage: 90 ~ 260 +/-10% VAC/ 50 ~ 60 Hz ,UL safety
Power Consumption	<ul style="list-style-type: none"> • 14.0 Watt maximum
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 45°C (32°F ~ 113°F) • Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F) • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE,FCC Class A
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 440 x 220 x 44mm(17.32 x 8.66x 1.73 inches)

Network Switches

Gigabit Ethernet Switch (10/100/1000Mbps)

CGS-501E

5-Port Gigabit Ethernet Switch



Designed to run large files such as voice, music, movies, and large photos in an office network.

Each port supports up to 2000Mbps of throughput.

With CGS-501E, your office network is faster and smoother.

Key Features

- Independent bandwidth for each gigabit port
- Supports auto MDI/MDI-X: automatic cable detection for straight-through and cross-over function
- Advanced features such as flow-control and auto-negotiation

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3 10Base-T Ethernet• IEEE 802.3u 100Base-TX Fast Ethernet• IEEE 802.3ab 1000Base-T Gigabit Ethernet
Protocol	<ul style="list-style-type: none">• CSMA/CD
Transmission Method	<ul style="list-style-type: none">• Store and Forward
Flow Control	<ul style="list-style-type: none">• Support 802.3x full duplex Flow Control• Support Backpressure Flow Control in half duplex mode
Data Rate	<ul style="list-style-type: none">• Ethernet<ul style="list-style-type: none">> 10Mbps(half duplex)> 20Mbps(full duplex)• Fast Ethernet<ul style="list-style-type: none">> 100Mbps(half duplex)> 200Mbps(full duplex)• Gigabit Ethernet<ul style="list-style-type: none">> 2000Mbps(full duplex)
Jumbo Frame	<ul style="list-style-type: none">• Support packet length 9216 bytes jumbo frame packet forwarding at wire speed
Mac Address Table	<ul style="list-style-type: none">• 4K Mac address table with 4 way hash algorithm
Green Ethernet	<ul style="list-style-type: none">• Link On various cable length power saving• Link Down power saving• 30%~50% Power Consumption Saving
LED Indicators	<ul style="list-style-type: none">• Power LED x 1 (Power status)• Port LED x 5 (Ethernet speed/Link/Activity status)
LED Indicators (Port1~Port5)	<ul style="list-style-type: none">• Green On — 10/100Mbps connected• Green Flash —10/100Mbps connection activity• Orange On —1000Mbps Gigabit connected• Orange Flash —1000Mbps Gigabit connection activity

Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F)• Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F)• Operating Humidity: 10% to 85% Non-Condensing• Storage Humidity: 5% to 90% Non-Condensing
Power Supply	<ul style="list-style-type: none">• DC 5V Input / 1A
Power Consumption	<ul style="list-style-type: none">• 5W max
Dimensions (L x W x H)	<ul style="list-style-type: none">• 118 x 70 x 25mm (4.6 x 2.8 x 1.0 inches)
Certifications	<ul style="list-style-type: none">• CE, FCC

CGS-801E

8-Port Gigabit Ethernet Switch



Designed to run large files such as voice, music, movies, and large photos in an office network.

Each port supports up to 2000Mbps of throughput.

With CGS-801E, your office network is faster and smoother.

Key Features

- Independent bandwidth for each gigabit port
- Supports auto MDI/MDI-X: automatic cable detection for straight-through and cross-over function
- Advanced features such as flow-control and auto-negotiation

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3ab 1000Base-T Gigabit Ethernet
Protocol	<ul style="list-style-type: none"> • CSMA/CD
Transmission Method	<ul style="list-style-type: none"> • Store and Forward
Flow Control	<ul style="list-style-type: none"> • Support 802.3x full duplex Flow Control • Support Backpressure Flow Control in half duplex mode
Data Rate	<ul style="list-style-type: none"> • Ethernet <ul style="list-style-type: none"> > 10Mbps(half duplex) > 20Mbps(full duplex) • Fast Ethernet <ul style="list-style-type: none"> > 100Mbps(half duplex) > 200Mbps(full duplex) • Gigabit Ethernet <ul style="list-style-type: none"> > 2000Mbps(full duplex)
Jumbo Frame	<ul style="list-style-type: none"> • Support packet length 9216 bytes jumbo frame packet forwarding at wire speed
Mac Address Table	<ul style="list-style-type: none"> • 4K Mac address table with 4 way hash algorithm
Green Ethernet	<ul style="list-style-type: none"> • Link on various cable length power saving • Link down power saving • 30%~50% Power Consumption Saving
LED Indicators	<ul style="list-style-type: none"> • Power LED x 1 (Power status) • Port LED x 8 (Ethernet speed/Link/Activity status)
LED Indicators(Port1 ~Port8)	<ul style="list-style-type: none"> • Green On — 10/100Mbps connected • Green Flash —10/100Mbps connection activity • Orange On —1000Mbps Gigabit connected • Orange Flash —1000Mbps Gigabit connection activity • Operating Temperature: 0° ~ 40°C (32° ~ 104°F) • Storage Temperature: -20° ~ 70°C (-4° ~ 158°F)

Environment	<ul style="list-style-type: none"> • Operating Humidity: 10% to 85% Non-Condensing • Storage Humidity: 5% to 90% Non-Condensing
Power Supply	<ul style="list-style-type: none"> • DC 5V Input / 1.2A
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 145 x 85 x 25mm (5.7 x 3.4 x 1.0 inches)
Certifications	<ul style="list-style-type: none"> • CE, FCC

Network Switches

Gigabit Ethernet Switch (10/100/1000Mbps)

CGS-800

8-Port Gigabit Ethernet Switch



Designed to run large files such as voice, music, movies, and large photos in an office network.

Each port supports up to 2000Mbps of throughput.

With CGS-800, your office network is faster and smoother.

Key Features

- Independent bandwidth for each gigabit port
- Supports auto MDI/MDI-X: automatic cable detection for straight-through and cross-over function
- Advanced features such as flow-control and auto-negotiation

Specifications

Ports	<ul style="list-style-type: none">• 8 x 10/100/1000 BASE-T TP Copper Ports
Standards	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3ab 1000BASE-T• IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port@10Mbps, max• 148800 packets/second per port@100Mbps, max• 1488000 packets/second per port@1000Mbps, max
Auto-MDIX	<ul style="list-style-type: none">• All TP ports support Auto-MDI/MDI-X Function
LED Indicators	<ul style="list-style-type: none">• One LED displays Power On/Off status• One Green LED per port displays 1000Mbps Link/ Activity Status• One Orange LED per port displays 100Mbps Link/ Activity Status
MAC addresses	<ul style="list-style-type: none">• 4K entries Maximum, Self-Learning
Buffer Memory	<ul style="list-style-type: none">• 832K bits packet buffer
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 40° C• Storage Temperature: -20° ~ 70° C• Humidity: 10% ~ 90% Non-condensing
Power Supply	<ul style="list-style-type: none">• Internal full range switching power supply• Input voltage:100 ~ 240 + -10%V AC 50/60 Hz
Power Consumption	<ul style="list-style-type: none">• 6.15 Watts
Dimensions	<ul style="list-style-type: none">• 175x110x36 mm (5.74x3.61x1.18 inches)

CGS-1600

16-Port Gigabit Ethernet Switch



CGS-1600, CNet's new Gigabit backbone switch is especially designed to meet challenges of high-bandwidth applications running in a network.

Each port supports up to 2000Mbps of throughput.

CGS-1600 provides great compatibility, flexibility, and many advanced features.

Key Features

- Independent bandwidth for each gigabit port
- Avoids head-of-line blocking
- Supports IEEE 802.3x and back pressure flow-control

Specifications

Ports	<ul style="list-style-type: none"> • 16 x 10/100/1000 BASE-T TP Copper Ports
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3x Flow Control for Full-Duplex Operation • IEEE 802.3az Energy Efficient Ethernet
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port@10Mbps, max • 148800 packets/second per port@100Mbps, max • 1488000 packets/second per port@1000Mbps, max
Auto-MDIX	<ul style="list-style-type: none"> • All TP ports support Auto-MDI/MDI-X Function
LED Indicators	<ul style="list-style-type: none"> • One (1) per port for Link/ACT: Green • Power: Green
MAC addresses	<ul style="list-style-type: none"> • 8K entries Maximum, Self-Learning
Environment	<ul style="list-style-type: none"> • Operating temperature: 0° ~ 40° C • Storage temperature: -20° ~ 70° C • Humidity: 10% ~ 90% Non-condensing
Power supply	<ul style="list-style-type: none"> • Internal full range switching power supply • Input voltage: 100 ~ 240 + -10%V AC 50/60 Hz
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 441x130x44 mm (17.36 x 5.12 x 1.73 inches)

Network Switches

Gigabit Ethernet Switch (10/100/1000Mbps)

CGS-2400

24-Port Gigabit Ethernet Switch



CGS-2400, CNet's new Gigabit backbone switch is especially designed to meet challenges of high-bandwidth applications running in a network.

Each port supports up to 2000Mbps of throughput.

CGS-2400 provides great compatibility, flexibility, and many advanced features.

Key Features

- Independent bandwidth for each gigabit port
- Supports auto MDI/MDI-X: automatic cable detection for straight-through and cross-over function
- Advanced features such as flow-control and auto-negotiation

Specifications

Ports	<ul style="list-style-type: none">• 24 x 10/100/1000 BASE-T TP Copper Ports
Standards	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3ab 1000BASE-T• IEEE 802.3x Flow Control for Full-Duplex Operation• IEEE 802.3az Energy Efficient Ethernet
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port@10Mbps, max• 148800 packets/second per port@100Mbps, max• 1488000 packets/second per port@1000Mbps, max
Auto-MDIX	<ul style="list-style-type: none">• All TP ports support Auto-MDI/MDI-X Function
LED Indicators	<ul style="list-style-type: none">• One (1) per port for Link/ACT: Green• Power: Green
MAC addresses	<ul style="list-style-type: none">• 16K entries Maximum, Self-Learning
Environment	<ul style="list-style-type: none">• Operating temperature: 0° ~ 40° C• Storage temperature: -20° ~ 70° C• Humidity: 10% ~ 90% Non-condensing
Power supply	<ul style="list-style-type: none">• Internal full range switching power supply• Input voltage: 100 ~ 240 + -10%V AC 50/60 Hz
Certifications	<ul style="list-style-type: none">• CE, FCC
Dimensions	<ul style="list-style-type: none">• 441x130x44 mm (17.36 x 5.12 x 1.73 inches)

CSH-2402G

24-Port 10/100Mbps Fast Ethernet Switch with 2 Gigabit Ports (RJ-45/SFP Slots)



CSH-2402G, with 2 Gigabit ports (Copper / SFP Ports) leads you to a real Gigabit connection and easily boosts your networking throughput.

Users are now able to transfer large and high bandwidth-needed files in fast speed.

Key Features

- 2 SFP slots for optional fiber optical communication
- Supports IEEE 802.3x for Full-duplex Flow-control and Back Pressure Flow-control for Half-duplex to prevent the overflow of data frame
- Supports Auto-Negotiation & Auto MDI/MDI-X on each TP Port

Specifications

Ports	<ul style="list-style-type: none"> • 24-Port 10/100Mbps Switch with 2 Gigabit Copper/SFP Ports
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3z 1000Base SX/LX • IEEE 802.3x Flow Control for Full-Duplex Operation
Ports	<ul style="list-style-type: none"> • 24 Copper Ports (10/100Mbps) • 2 Copper Ports (10/100/1000Mbps) • 2 Open SFP Slot
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port@10Mbps, max • 148800 packets/second per port@100Mbps, max • 1488000 packets/second per port@1000Mbps, max
Auto-MDIX	<ul style="list-style-type: none"> • All TP ports support Auto-MDI/MDI-X Function
LED Indicators	<ul style="list-style-type: none"> • One LED display Power status • Power ON: Light, Green • For Port 1 to 24 (10/100Mbps Ports): <ul style="list-style-type: none"> > Speed LED: 10Mbps: Blinking, Green 100Mbps: Light on, Green > Link/ACT: Link: Light on ACT: Data Transmission • For Port 25/26 (Gigabit Ports) <ul style="list-style-type: none"> > Speed LED: 10Mbps: Light off 100Mbps: Blinking, Green 1000Mbps: Light on, Green > Link/ACT: Link: Light on ACT: Data Transmission
MAC addresses	<ul style="list-style-type: none"> • 4K
Buffer Memory	<ul style="list-style-type: none"> • 2.75Mb

Environment	<ul style="list-style-type: none"> • Operating temperature: 0° ~ 40° C • Storage temperature: -20° ~ 70° C • Humidity: 10% ~ 90% Non-condensing
Power supply	<ul style="list-style-type: none"> • Internal full range switching power supply • Input voltage:100 ~ 240 +-10%V AC 50/60 Hz
Certifications	<ul style="list-style-type: none"> • CE,FCC
Dimensions	<ul style="list-style-type: none"> • 440x220x44 mm (17.36 x 5.12 x 1.73 inches)

Network Switches

Ethernet Switch with Expansion Ports

CSH-2422Gm

Layer 2 Management Switch with 24 10/100 BASE-TX ports and 2 Gigabit Ports (RJ-45/SFP slots)



CSH-2422Gm is a Managed Fast Ethernet switch that support SNMP, Web UI, and CLI management interface and 24 10/100 Base-TX (RJ-45 connectors) and 2 Gigabit dual media (RJ-45/SFP) ports. It is a standard switch that meets 802.3/u/x/z Gigabit, Fast Ethernet specification. In addition, the switch implements the QoS (Quality of Service), VLAN, MAC Filtering Policy, Port Mirror, VLAN and full L2 protocols. It has a rich feature set suitable for streaming VoIP, video and data traffics for multimedia applications.

In this switch, Port 25, 26 support two types of media – TP and SFP Fiber; both ports support 10/100/1000Mbps TP or 1000Mbps SFP Fiber transceiver is used for high-speed connection expansion.

Key Features

- 24 10/100Mbps Switch Ports with 2 shared Copper/Fiber ports
- Supports console, SNMP, Web, CLI management
- Supports Q-in-Q VLAN, MAC-Based 802.3ad LACP, Port Mirroring, Unicast/Broadcast/Multicast storm control

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3z 1000Base-X • IEEE 802.3x Flow Control for Full-Duplex Operation • IEEE 802.3 Auto-negotiation • IEEE 802.1q VLAN • IEEE 802.1p Class of Service • IEEE 802.1x Access Control • IEEE 802.1d Spanning Tree • IEEE 802.1w Rapid Spanning Tree • IEEE 802.3ad Link Aggregation Control Protocol (LACP) 	QoS	<ul style="list-style-type: none"> • Port Based (VIP Port), 802.1p, TOS, and Diffserv(IPv4/IPv6) based QoS packet classification • Supports four level priority queues to prioritize in-bound and out-bound traffic • Supports two scheduling, WRR and Strict • Supports priority in a Q-in-Q tag
Ports	<ul style="list-style-type: none"> • 24 Ports 10/100 Mbps Ethernet Port • Port 25, 26 are Gigabit TP/SFP Fiber auto sense 	Broadcast Storm	<ul style="list-style-type: none"> • Multicast/Broadcast/Unknown-Unicast Storm suppression
Switching Capacity	<ul style="list-style-type: none"> • Non-blocking switch fabric support up to 24FE_2GbE ports • 8K MAC addresses • 256k packet buffer and 128k control memory • The maximum throughput is 8.8Gbps • With 64 bytes packets throughput is 6.547Mbps 	Port Mirroring	<ul style="list-style-type: none"> • Supports 1:N RX port mirroring • Supports ports sniffer function with 3 modes: (TX Monitor, RX Monitor and TX-RX pair Monitor Mode)
VLAN	<ul style="list-style-type: none"> • Support SVL/IVL configuration to meet your VLAN requirement • Port-base VLAN • IEEE 802.1q tag-base VLAN, 4094 max, up to 4k active VLANs including static plugs dynamic entry • Flooding unknown vlan frame setting, can flood packet with some vlan tag associated to a invalid/inactive vlan • In tag-base VLAN, supports egress/ingress packet filter • Q-in-Q as an efficient method for enabling Subscriber Aggregation 	Isolated Group	<ul style="list-style-type: none"> • Provide one group allows certain to be designated as protect
		Restricted Group	<ul style="list-style-type: none"> • Can decide with direction of transmitting for specific port
		Rate Limit	<ul style="list-style-type: none"> • Ingress rate limit: <ul style="list-style-type: none"> > Port 1 ~ 24: 66K up to 100Mbps > Port 25, 26: 66K up to 1000Mbps • Egress rate limit: <ul style="list-style-type: none"> > Port 1 ~ 24: 66K up to 100Mbps > Port 25, 26: 66K up to 1000Mbps
		Environment	<ul style="list-style-type: none"> • Operating temperature: 0° ~ 40° C • Storage temperature: -20° ~ 70° C • Humidity: 10% ~ 90% Non-condensing
		Power supply	<ul style="list-style-type: none"> • Internal full range switching power supply • Input voltage:100 ~ 240 + -10%V AC 50/60 Hz
		Certifications	<ul style="list-style-type: none"> • CE, FCC
		Dimensions	<ul style="list-style-type: none"> • 442x209x44 mm (17.40 x 8.23 x 1.73 inches)

CSH-500W

5-Port Smart Access Web Management Switch



CSH-500W is for easy and economical networking building and management.

Just easily add computers , printer, NAS, IP Cam, multimedia player or broadband router to your network

Intuitive Web-based interface offers simple switch management

Key Features

- 5 x 10/100Mbps web managed switch
- Easy to access and manage via IP from anywhere
- Supports VLAN and QoS queues

Specifications

Ports	• 5 100BASE-TX/10BASE-T Ports
Standard	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port @10Mbps, max • 148800 packets/second per port @10Mbps, max
Configuration Interface	• Web Browser
Auto-MDI	• All TP ports support Auto-MDI/MDI-X Function
Reset Button	• Reload IP, User Name and Password to default
LED Indicators	<ul style="list-style-type: none"> • One (1) for Power • One (1) per port for Link / ACT
Power Supply	• External Switching Power DC 5V/1A
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	• CE, FCC
Dimensions (W x H x D)	• 118 x 70 x 25 mm (4.65 x 2.76 x 0.98 inches)

Network Switches

Websmart Switch

CSH-800W

8-Port Smart Access Web Management Switch



CSH-800W is for easy and economical networking building and management.

Just easily add computers , printer, NAS, IP Cam, multimedia player or broadband router to your network

Intuitive Web-based interface offers simple switch management

Key Features

- 8 x 10/100Mbps web managed switch
- Easy to access and manage via IP from anywhere
- Supports VLAN and QoS queues

Specifications

Ports	<ul style="list-style-type: none">• 8 100BASE-TX/10BASE-T Ports
Standard	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port @10Mbps, max• 148800 packets/second per port @10Mbps, max
Configuration Interface	<ul style="list-style-type: none">• Web Browser
Auto-MDI	<ul style="list-style-type: none">• All TP ports support Auto-MDI/MDI-X Function
Reset Button	<ul style="list-style-type: none">• Reload IP, User Name and Password to default
LED Indicators	<ul style="list-style-type: none">• One (1) for Power• One (1) per port for Link / ACT
Power Supply	<ul style="list-style-type: none">• External Switching Power DC 5V/1A
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 40°C• Storage Temperature: -20° ~ 60°C• Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none">• CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none">• 145 x 85 x 25 mm (5.7 x 3.35 x 0.98 inches)

CSH-2400W

24-Port Smart Access Web Management Switch



CSH-2400W is 24-port 10/100M Desktop Web Smart Switch that is designed for small or medium network environment to strength its network connection. This product is compact in size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits or underneath a desk.

CSH-2400W has an easy-to-view front panel and diagnostic LEDs. User-friendly, web-based management is supported for easy configuration and flexibility for different network requirements.

This device provides sufficient management functions. VLAN reduces the collisions from widely broadcasting. Port Aggregation enlarges the bandwidth of backbone connection. QoS is supported to secure the bandwidth for some bandwidth-demanded applications including VoIP or video conference. IEEE 802.3x and backpressure flow control mechanisms are also supported to ensure the correctness of data transmitting. Speed, duplex mode auto-detection is also supported for your convenient installation.

Key Features

- 24 x 10/100Mbps desktop web managed switch
- Easy to deploy and manage from anywhere on the network
- Supports VLAN, QoS and ToS for security and multimedia streaming

Specifications

Ports	<ul style="list-style-type: none"> • 24 100BASE-TX/10BASE-T Ports
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3x Flow Control for Full-Duplex Operation • IEEE 802.1Q VLAN Tagging • IEEE 802.1p Class of Service, Priority Protocols
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port@10Mbps, max • 148800 packets/second per port@100Mbps, max
Configuration Interface	<ul style="list-style-type: none"> • IE Web browser
Auto-MDI-X	<ul style="list-style-type: none"> • All ports support Auto-MDI/MDI-X
MAC Table Size	<ul style="list-style-type: none"> • 4K
Buffer Memory	<ul style="list-style-type: none"> • 1.5Mbits
LED Indicators	<ul style="list-style-type: none"> • One (1) for Power • One (1) per port for Link/ACT • One (1) per port for 10M/100Mbps
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 45° C (32° ~ 113° F) • Storage Temperature: -20° ~ 70° C (-4° ~ 158° F) • Humidity: 10% ~ 90% Non-condensing
Power Supply	<ul style="list-style-type: none"> • Internal full range switching power supply • Input voltage: 100 ~ 240 +-10%V AC 50/60 Hz
Power consumption	<ul style="list-style-type: none"> • 12 W maximum
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 266 × 160 × 44 mm (10.47 x 6.29 x 1.73 inches)

Network Switches

Websmart Switch

CGS-1600W

16-Port Smart Access Web Management Gigabit Switch



Speed, Accessibility and Reliability!!!

This new CNet switch features full wire-speed store and forward switching technology for all 10, 100, and 1000Mbps segments on the network. Utilizing the CNet management utility, network administrators can access and manage anytime and from anywhere.

The auto-discovery utility provides an easy way for network admins to locate, view, configure and troubleshoot CNet web managed switches on the network.

Key Features

- 16 x 10/100/1000Mbps web managed giga switch
- Centralized management via IP from anywhere
- Supports VLAN, QoS and ToS services

Specifications

Ports	<ul style="list-style-type: none">• 16 1000BASE-T / 100BASE-TX / 10BASE-T Ports
Standards	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3ab 1000BASE-T• IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port@10Mbps, max• 148800 packets/second per port@100Mbps, max• 1488000 packets/second per port@1000Mbps, max
Auto-MDI-X	<ul style="list-style-type: none">• All TP ports support Auto-MDI/MDI-X Function
Configuration Interface	<ul style="list-style-type: none">• IE Web browser
LED Indicators	<ul style="list-style-type: none">• One (1) for Power• One (1) per port for ACT• One (1) per port for Link Speed: Yellow for 1000Mbps; Green for 100Mbps
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 45° C (32° ~ 113° F)• Storage Temperature: -20° ~ 70° C (-4° ~ 158° F)• Humidity: 10% ~ 90% Non-condensing
Power	<ul style="list-style-type: none">• Internal full range switching power supply• Input voltage: 100 ~ 240 + -10%V AC 50/60 Hz
Certifications	<ul style="list-style-type: none">• CE, FCC
Dimensions	<ul style="list-style-type: none">• 442 x 185 x 44 mm (17.40 x 7.28 x 1.73 inches)

CGS-2400W

24-Port Smart Access Web Management Gigabit Switch



The CNet 24 port Giga web managed switch makes any network administrator's dream come through. Using this backbone switch along with the CNet management utility, the whole network of CNet Gigabit and Fast Ethernet web smart switches are at the finger tip of the network administrator. By using Internet Browser, all CNet web managed switches are now available for view, reconfiguration or troubleshooting all at the same time and from a central location. Using CNet switches, network administrators can connect to their networks from anywhere on the Internet to monitor, troubleshoot and reconfigure LANs.

Key Features

- 24 x 10/100/1000Mbps web managed giga switch
- Centrally managed via IP from anywhere
- Supports VLAN, QoS and ToS services

Specifications

Ports	<ul style="list-style-type: none"> • 24 1000BASE-T / 100BASE-TX / 10BASE-T Ports
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port@10Mbps, max • 148800 packets/second per port@100Mbps, max • 1488000 packets/second per port@1000Mbps, max
Auto-MDI-X	<ul style="list-style-type: none"> • All TP ports support Auto-MDI/MDI-X Function
Configuration Interface	<ul style="list-style-type: none"> • IE Web browser
Reset Button	<ul style="list-style-type: none"> • Reload IP, User Name and Password to default value
LED Indicators	<ul style="list-style-type: none"> • One (1) for Power • One (1) per port for ACT • One (1) per port for Link Speed: Yellow for 1000Mbps; Green for 100Mbps
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 45°C (32° ~ 113°F) • Storage Temperature: -20° ~ 70°C (-4° ~ 158°F) • Humidity: 10% ~ 90% Non-condensing
Power	<ul style="list-style-type: none"> • Internal full range switching power supply • Input voltage:100 ~ 240 +-10%V AC 50/60 Hz
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions	<ul style="list-style-type: none"> • 442 x 185 x 44 mm (17.40 x 7.28 x 1.73 inches)

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CSH-8004P

8-Port 10/100Mbps with 4-Port Power Over Ethernet Switch



The CNet CSH-8004P is an 8-Port 10/100Mbps Ethernet Switch with 4 Ports supporting PSE/PoE. It helps to simplify the installation of PoE-compliant wireless access points, IP cameras and etc. These devices can be installed on a ceiling or on a wall, away from most electrical outlets. PoE eliminates the requirement for an electrical outlet to power these devices. This provides flexibility in placing devices where AC power is difficult to access and lowers installation costs. It also gives you the option of installing it in a 19" cabinet with a rack-mounting kit.

Key Features

- IEEE 802.3af Power over Ethernet (PoE) ports
- 8-port 10/100Base-T(X) with 4 PSE/PoE
- All ports support auto MDI/MDI-X and auto negotiation functions

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3af, IEEE 802.3 10Base T• IEEE 803.3u 100Base TX• IEEE 802.3X Flow Control
Ports	<ul style="list-style-type: none">• 8 10/100BASE-T(X) with 4 PSE/PoE
MAC Address	<ul style="list-style-type: none">• 1K
Buffer Memory	<ul style="list-style-type: none">• 512 bits
Filtering/Forwarding Rates	<ul style="list-style-type: none">• 100Mbps port-148,800pps• 10Mbps port-14,880pps
Transmission Media	<ul style="list-style-type: none">• 10Base T Cat. 3,4,5 UTP/STP• 100Base TX Cat. 5 UTP/STP
LED Indicators	<ul style="list-style-type: none">• Per Port: Link/Act, PoE Act/Status• Per Unit: Power
Media Support	<ul style="list-style-type: none">• CAT 5 Ethernet Cabling or Better
Power Input	<ul style="list-style-type: none">• 90~260V/AC, 50~60Hz
Power Output	<ul style="list-style-type: none">• 48V/DC Per Port Output-15.4W Max Per Port• 4 Ports at Full 15.4W Output Supported
Power Consumption	<ul style="list-style-type: none">• 65 Watts(Max)
Operating Temperature	<ul style="list-style-type: none">• 0°C~60°C (32°F~140°F)
Storage Temperature	<ul style="list-style-type: none">• -20°C~90°C (-4°F~194°F)
Humidity	<ul style="list-style-type: none">• 10~90% RH (Non-condensing)
Dimensions(L x W x H)	<ul style="list-style-type: none">• 266 x 160 x 44 mm (10.47 x 9.299 x 1.732 inches)
Certifications	<ul style="list-style-type: none">• FCC Class A, CE, RoHS

CSH-800WP

8-Port 10/100Mbps PoE Web Smart Ethernet Switch



Cnet CSH-800WP is an 8-Port 10/100 Mbps PoE Web Smart Switch, good for easy and economical networking building and management. It also helps to simplify the installation of PoE-compliant wireless access points, IP cameras and etc. These devices can be installed on a ceiling or on a wall, away from most electrical outlets. PoE eliminates the requirement for an electrical outlet to power these devices. This provides flexibility in placing devices where AC power is difficult to access and lowers installation costs.

It gives you as well an option of installing it in a 19 inch cabinet by rack-mount kits or underneath a desk.

Key Features

- IEEE 802.3af 8 Power over Ethernet (PoE) ports
- Web-based configuration and management
- All ports support auto MDI/MDI-X and auto negotiation functions

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3af • IEEE 802.3: 10BASE-T • IEEE 802.3u: 100BASE-TX • IEEE 802.3x: Flow-control for Full-duplex operation • IEEE 802.1Q: VLAN Tagging • IEEE 802.1P Class of Service, Priority Protocols
Ports	<ul style="list-style-type: none"> • 8 PSE/PoE Ports
Media Support	<ul style="list-style-type: none"> • 10BASE-T: Category 3, 4, 5 UTP/STP • 100BASE-TX: Category 5 UTP/STP
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port @ 10Mbps, maximum • 148800 packets/second per port @ 100Mbps, maximum
MAC Addresses	<ul style="list-style-type: none"> • 1K
Buffer Memory	<ul style="list-style-type: none"> • 512K bits
Duplex Modes	<ul style="list-style-type: none"> • Supports Auto-negotiation and Auto-MDI/MDI-X functions
LED Indicators	<ul style="list-style-type: none"> • One LED displays Power status • One LED per port displays Link/ACT; PoE Act/Status
Power	<ul style="list-style-type: none"> • Input voltage: 90 ~ 260 VAC/ 50 ~ 60 Hz • Output voltage: 48V/DC Per Output-15.4W Max Per Port (8-ports at full 15.4W Output Supported)
Power Consumption	<ul style="list-style-type: none"> • 130 Watt maximum
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 60°C (32° ~ 140°F) • Storage Temperature: -20° ~ 90°C (-4° ~ 194°F) • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC Class A, RoHS
Dimensions	<ul style="list-style-type: none"> • 266 x 160 x 44mm (10.47 x 6.30 x 1.73 inches)

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CSH-1600WP

16-Port 10/100Mbps PoE Web Smart Ethernet Switch



CSH-1600WP features 16 Power over Ethernet (PoE) ports which follow IEEE 802.3af, supplying up to 15.4 watts per port. This product can convert standard 90-260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories.

By adding CSH-1600WP to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

Its security and management features such as bandwidth control, and VLAN to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines.

Key Features

- IEEE 802.3af 16 Power over Ethernet (PoE) ports
- Web-based configuration and management
- All ports support auto MDI/MDI-X and auto negotiation functions

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3x Flow Control• IEEE 802.3af Power over Ethernet (PoE)• IEEE 802.1q VLAN (Port Based and Tag Based)• IEEE 803.1p QoS/Class of Service, Priority Protocol• IEEE 802.1x Port Security• IEEE 802.1d Spanning Tree Protocol• IEEE 802.1w Rapid Spanning Tree Protocol
Ports	• 16 10/100BASE-T(X) with 16 PSE/PoE Ports
MAC Address	• 4K
Buffer Memory	• 1.625Mb
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port @ 10Mbps, maximum• 148800 packets/second per port @ 100Mbps, maximum
Media Support	<ul style="list-style-type: none">• 10BASE-T Cat. 3, 4, 5 UTP/STP• 100BASE-TX Cat. 5 UTP/STP
Smart Feature	<ul style="list-style-type: none">• Port VLAN: 16• Trunk Groups: 2 (Up to 4 Ports for each group)• PoE function ON/OFF remote Control• STP/RSTP (Spanning Tree and Rapid Spanning Tree Protocol)• MAC Filtering• IGMP Snooping• Broadcast Storm Control• Bandwidth Control• Port Mirroring• Password-Protected Access• Web-based Management
Duplex Modes	• Support Auto-negotiation and Auto-MDI/MDI-X functions

LED Indicators	<ul style="list-style-type: none">• One LED displays Power Status• One LED per port displays Link/ACT• One LED per port displays PoE Status
Power Supply	<ul style="list-style-type: none">• Internal Full Range Auto-Switching• Input voltage: 100 ~ 240 +/-10% VAC/ 50 ~ 60 Hz
Power Output	<ul style="list-style-type: none">• 48V/DC Per Port Output – 15.4W Max Per Port• 16 Ports at Full 15.4W Output Standard
Power Consumption	• 260W (Max)
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 40°C (32° ~ 104°F)• Storage Temperature: -20° ~ 60°C (-4° ~ 140°F)• Humidity: 10% ~ 90% Non-condensing
Dimensions (L x W x H)	• 440 x 220 x 44mm (17.32 x 8.66 x 1.73inches)
Certifications	• CE, FCC, RoHS

CSH-2402GP

24-Port 10/100Mbps with 2 Gigabit Copper/SFP Ports PoE Switch



CSH-2402GP features 24 Power over Ethernet (PoE) ports which follow IEEE 802.3af, supplying up to 15.4 watts per port. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding CSH-2402GP to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore. Moreover, CSH-2402GP supports 2 Combo Gigabit Copper or 2 SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications.

Key Features

- 24-Port 10/100Mbps with IEEE 802.3af PoE Switch
- All Ports Supports Auto-MDI/MDI-X and Auto-negotiation Functions
- Full wire speed Store-and-Forward technology instantly eliminates bad packets
- IEEE 802.3x Flow-Control support for Full-Duplex operation

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3z 1000BASE SX/LX • IEEE 802.3x Flow Control • IEEE 802.3af Power over Ethernet (PoE)
Ports	<ul style="list-style-type: none"> • 24 10/100BASE-T(X) with 24 PSE/PoE Ports • 2 10/100/1000BASE-T copper Ports/ 2 Open SFP Slot
MAC Address	• 4K
Buffer Memory	• 2.75Mb
Forwarding/Filtering Rate	<ul style="list-style-type: none"> • 14880 packets/second per port @ 10Mbps, maximum • 148800 packets/second per port @ 100Mbps, maximum • 1488000 packets/second per port @ 1000Mbps, maximum
Media Support	<ul style="list-style-type: none"> • 10BASE-T Cat. 3, 4, 5 UTP/STP • 100BASE-TX Cat. 5 UTP/STP • 1000BASE-T Cat.5E UTP/STP
Duplex Modes	• Support Auto-negotiation and Auto-MDI/MDI-X functions
LED Indicators	<ul style="list-style-type: none"> • One LED displays Power Status • One LED per port displays Link/ACT • One LED per port displays PoE Status
Power	<ul style="list-style-type: none"> • Internal Full Range Auto-Switching • Input voltage: 100 ~ 240 +/-10% VAC/ 50 ~ 60 Hz
Power Output	<ul style="list-style-type: none"> • 48V/DC Per Port Output – 15.4W Max Per Port • 24 Ports at Full 15.4W Output Standard
Power Consumption	• 390W (Max)

Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C (32° ~ 104°F) • Storage Temperature: -20° ~ 60°C (-4° ~ 140°F) • Humidity: 10% ~ 90% Non-condensing
Dimensions (L x W x H)	• 440 x 332 x 44mm (17.32 x 13.07 x 1.73inches)
Certifications	• CE, FCC, RoHS

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CSH-2402GWP

24-Port 10/100Mbps with 2 Gigabit Copper/SFP Ports PoE Web Smart Switch



CSH-2402GWP features 24 Power over Ethernet (PoE) ports which follow IEEE 802.3af, supplying up to 15.4 watts per port. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. By adding CSH-2402GWP to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. Moreover, CSH-2402GWP supports 2 Combo Gigabit Copper or 2 SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications.

Key Features

- 24-Port 10/100Mbps with IEEE 802.3af PoE Switch
- Web-based configuration and management
- Supports PoE function ON/OFF Remote Control
- All Ports Support Auto-MDI/MDI-X and Auto-negotiation Functions
- Supports 26-Port VLAN, STP/RTSP, two Trunk Groups

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3ab 1000BASE-T• IEEE 802.3z 1000BASE-SX/LX• IEEE 802.3x Flow Control• IEEE 802.3af Power over Ethernet (PoE)• IEEE 802.1q VLAN (Port Based and Tag Based)• IEEE 803.1p QoS/Class of Service, Priority Protocol• IEEE 802.1x Port Security• IEEE 802.1d Spanning Tree Protocol• IEEE 802.1w Rapid Spanning Tree Protocol	Smart Feature	<ul style="list-style-type: none">• Port VLAN: 24• Tagged VLAN: 4094• Trunk Groups: 2 (up to 4 Ports for each group)• PoE function ON/OFF remote Control• STP/RSTP (Spanning Tree and Rapid Spanning Tree Protocol)• MAC Filtering• IGMP Snooping• Broadcast Storm Control• Bandwidth Control• Port Mirroring• Password-Protected Access• Web-based Management
Ports	<ul style="list-style-type: none">• 24 10/100BASE-T(X) with 24 PSE/PoE Ports• 2 10/100/1000BASE-T copper Ports/ 2 Open SFP Slot	Duplex Modes	<ul style="list-style-type: none">• Support Auto-negotiation and Auto-MDI/MDI-X functions
MAC Address	<ul style="list-style-type: none">• 4K	LED Indicators	<ul style="list-style-type: none">• One LED displays Power Status• One LED per port displays Link/ACT• One LED per port displays PoE Status
Buffer Memory	<ul style="list-style-type: none">• 2.75Mb	Power	<ul style="list-style-type: none">• Internal Full Range Auto-Switching• Input voltage: 100 ~ 240 +/-10% VAC/ 50 ~ 60 Hz
Forwarding/Filtering Rate	<ul style="list-style-type: none">• 14880 packets/second per port @ 10Mbps, maximum• 148800 packets/second per port @ 100Mbps, maximum• 1488000 packets/second per port @ 1000Mbps, maximum	Power Output	<ul style="list-style-type: none">• 48V/DC Per Port Output – 15.4W Max Per Port• 24 Ports at Full 15.4W Output Standard
Media Support	<ul style="list-style-type: none">• 10BASE-T Cat. 3, 4, 5 UTP/STP• 100BASE-TX Cat. 5 UTP/STP• 1000BASE-T Cat.5E UTP/STP	Power Consumption	<ul style="list-style-type: none">• 390W (Max)
		Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 40°C (32° ~ 104°F)• Storage Temperature: -20° ~ 60°C (-4° ~ 140°F)• Humidity: 10% ~ 90% Non-condensing
		Dimensions (L x W x H)	<ul style="list-style-type: none">• 440 x 332 x 44mm (17.32 x 13.07 x 1.73inches)
		Certifications	<ul style="list-style-type: none">• CE, FCC, RoHS

CMS-1608P

8-PAIR MID-SPAN POWER SUPPLY



Key Features

- IEEE 802.3af compliant
- 8 Ethernet data input ports
- Supports power up to 19.2W for each PSE/PoE port

The CNet CMS-1608P has 8 Ethernet Input ports, and 8 Ethernet output ports with 48V, IEEE 802.3af power. It offers cost-effective solution to upgrade existing network with PoE. It helps to simplify the installation of PoE-compliant wireless access points, IP cameras and etc. These devices can be installed on a ceiling or on a wall, away from most electrical outlets. PoE eliminates the requirement for an electrical outlet to power these devices. This provides flexibility in placing devices where AC power is difficult to access and lowers installation costs.

Specifications

Standards	• IEEE 802.3af
Status LEDs	• System Power,Signal cable Link,and PSE/PoE on line
Internal Power	• AC input(90~260V/AC,50~60Hz)UL Safety
Environment	• Operating Temperature: 0° ~ 60°C (32° ~ 140°F) • Storage Temperature: -20° ~ 90°C (-4° ~ 194°F) • Humidity: 10% ~ 90% Non-condensing
Dimensions (L x W x H)	• 440 x 85 x 220 x 44 mm (17.323 x 8.661 x 1.732 inches)
Certifications	• CE,FCC

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CMS-3216P

16-PAIR MID-SPAN POWER SUPPLY



The CNet CMS-3216P has 16 Ethernet Input ports, and 16 Ethernet output ports with 48V, IEEE 802.3af power. It offers cost-effective solution to upgrade existing network with PoE. It helps to simplify the installation of PoE-compliant wireless access points, IP cameras and etc. These devices can be installed on a ceiling or on a wall, away from most electrical outlets. PoE eliminates the requirement for an electrical outlet to power these devices. This provides flexibility in placing devices where AC power is difficult to access and lowers installation costs.

Key Features

- IEEE 802.3af compliant
- 16 Ethernet data input ports
- Supports power up to 19.2W for each PSE/PoE port

Specifications

Standards	• IEEE 802.3af
Status LEDs	• System Power, Signal cable Link, and PSE/PoE on line
Internal Power Supply	• AC input(90~260V/AC, 50~60Hz)UL Safety
Environment	• Operating Temperature: 0° ~ 60°C (32° ~ 140°F) • Storage Temperature: -20° ~ 90°C (-4° ~ 194°F) • Humidity: 10% ~ 90% Non-condensing
Dimensions (L x W x H)	• 440 x 85 x 220 x 44 mm (17.323 x 8.661 x 1.732 inches)
Certifications	• CE, FCC

CIN-7001

1-Port 10/100Mbps PoE Injector



CIN-7001 is 1 Ethernet Input (data only) port and 1 Output (data + power) port Power over Ethernet Injector that is designed for small or medium network environment to strengthen its network connection. This product can convert standard 12~24V/DC or 48V/DC power into DC voltage that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories.

It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding CIN-7001 to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

Key Features

- IEEE 802.3af compliant
- Support 12 ~ 24V DC or 48V DC Input
- Smart plug & play

Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 802.3af
Port	<ul style="list-style-type: none"> • One 10/100Mbps Port (Data Only) in • One 10/100Mbps Port (Data + Power) out
Media Support	<ul style="list-style-type: none"> • 10Base-T/100Bas-TX: Cat 5 UTP/STP
LED Indicators	<ul style="list-style-type: none"> • Power (Per Unit) • PoE ACT/Status (Per Port)
Power Input	<ul style="list-style-type: none"> • 12~24V/DC or 48V/DC
Power Output	<ul style="list-style-type: none"> • 48V/DC at Full 15.4W Output Supported
Power Consumption	<ul style="list-style-type: none"> • 15.4W
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° ~ 40°C • Storage Temperature: -20° ~ 60°C • Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> • CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 102 x 75 x 23 mm

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CSP-7001

Power over Ethernet Power Splitter



This CNet CSP-7001 is an one port Power over Ethernet splitter which splits the data and power from an PSE device. When a PSE device is connected to the input port, the splitter will pass through the data to the output port and convert the 48V PoE power to the output power jack. This solves the limit of outlet location, and gives system integrators a good alternative to install and expend networking infrastructure wherever they need.

Key Features

- IEEE 802.3af compliant
- Four output voltage option (5V/7.5V/9V/12V)
- Smart plug & play

Specifications

Standard	<ul style="list-style-type: none">• IEEE 802.3• IEEE 802.3u• IEEE 802.3af
Port	<ul style="list-style-type: none">• One 10/100Mbps Port (Data + Power) in• One 10/100Mbps Port (Data Only) out
Media Support	<ul style="list-style-type: none">• 10Base-T/100Bas-TX: Cat 5 UTP/STP
LED Indicators	<ul style="list-style-type: none">• Power (Per Unit)• PoE ACT/Status (Per Port)
Power Output	<ul style="list-style-type: none">• 5V/2A• 7.5V/1.4A• 9V/1.2A• 12V/0.9A
Power Consumption	<ul style="list-style-type: none">• 11W
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° ~ 40°C• Storage Temperature: -20° ~ 60°C• Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none">• CE, FCC
Dimensions (W x H x D)	<ul style="list-style-type: none">• 102 x 75 x 23 mm

CFC-10CM

1000Base-TX to 1000Base-SX Gigabit Media Converter, SC Type/Multi-Mode



Using CFC-10CM is the simplest way to interconnect any equipment's 1000BASE-TX port to the 1000BASE-SX interface networks to extend distance coverage. CNet provides the most reliable quality products and reasonable price to serve our customers.

CNet also provides a family of wired and wireless LAN products that deliver the same level of security, scalability, and manageability for WLANs that customers have come to expect in their wired LAN, including Routers, Switches, Modems, and Network adapters.

Key Features

- Operates at Maximum Packet Filtering and Forwarding Rate
- Auto-MDI/MDI-X on TP Port, Auto-negotiation on Fiber Port
- Converts Twisted Pair Media Interfaces to Fiber or Vice Versa
- Complies with IEEE 802.3ab for 1000BASE-T and IEEE 802.3z 1000BASE-X Standards

Specifications

Fiber Mode	• Multi-Mode	
Wave Length	• 850nm	
Fiber Cable	• 62.5/125 μ m	• 50/125 μ m
Fiber Cable Distance	• 220m	• 550m
TP Ports	• RJ-45 phone-type	
Power Adapter	• External DC5V, 2A	
Environment	<ul style="list-style-type: none"> • Operating Temperature: -20° ~ 70° C (-4° ~ 158° F) • Storage Temperature: -40° ~ 80° C (-40° ~ 176° F) • Humidity: 10% ~ 90% Non-condensing 	
Certifications	• CE, FCC	
Dimensions	• 94 x 70.3 x 26.2 mm (3.7 x 2.77 x 1.03 inches)	

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CFC-10CS

1000Base-TX to 1000Base-LX Gigabit Media Converter, SC Type/Single-Mode



Using CFC-10CS is the simplest way to interconnect any equipment's 1000BASE-TX port to the 1000BASE-LX interface networks to extend distance coverage. CNet provides the most reliable quality products and reasonable price to serve our customers.

CNet also provides a family of wired and wireless LAN products that deliver the same level of security, scalability, and manageability for WLANs that customers have come to expect in their wired LAN, including Routers, Switches, Modems, and Network adapters.

Key Features

- Operates at Maximum Packet Filtering and Forwarding Rate
- Auto-MDI/MDI-X on TP Port, Auto-negotiation on Fiber Port
- Converts Twisted Pair Media Interfaces to Fiber or Vice Versa
- Complies with IEEE 802.3ab for 1000BASE-T and IEEE 802.3z 1000BASE-LX Standards

Specifications

Fiber Mode	• Single-Mode	
Wave Length	• 1310nm	
Fiber Cable	• 9/125 μ m	• 50/125 μ m
Fiber Cable Distance	• 10KM	• 550m
TP Ports	• RJ-45 phone-type	
Power Adapter	• External DC5V, 2A	
Environment	• Operating Temperature: -20° ~ 70° C (-4° ~ 158° F) • Storage Temperature: -40° ~ 80° C (-40° ~ 176° F) • Humidity: 10% ~ 90% Non-condensing	
Certifications	• CE, FCC	
Dimensions	• 94 x 70.3 x 26.2 mm (3.7 x 2.77 x 1.03 inches)	

CFC-22CS

10/100Mbps TP to 100Base-FX Media Converter, SC Type/ Single-Mode/ 20KM



Key Features

- TP Port supports Auto-negotiation and Auto-MDI-X
- Operates at Maximum Packet Filtering and Forwarding Rate
- TP Port: 10/100Mbps Full-/Half-duplex, Fiber Port: 100Mbps Full-/Half-duplex
- Interoperable with 10BASE-TX, and 100BASE-FX Hubs or Switches

Using CFC-22CS is the simplest way to interconnect any equipment's 100BASE-TX/10BASE-T port to the 100BASE-FX interface network. It smoothly transfers data between RJ-45 port and 100BASE-FX Single-Mode SC type Fiber port. Such a hybrid-networking device is based on the Transceiver in the IEEE 802.3 and 802.3u standards. CNet provides the most reliable quality and reasonable price to serve our customers.

CNet also provides a family of wired and wireless LAN products that deliver the same level of security, scalability, and manageability for WLANs that customers have come to expect in their wired LAN, including Routers, Switches, Modems, and Network Adapters.

Specifications

Fiber Mode	• Single-Mode
Wave Length	• 1310nm
Fiber Cable	• 9/125 μ m
Fiber Cable Distance	• 20KM
Fiber Connector	• SC Type
TP Ports	• RJ-45 phone-type
LED Indicators	<ul style="list-style-type: none"> • FX: LINK/ACT • FX: FDX/COL • TP: LINK.ACT • TP: 100
Power Adapter	• External DC5V, 2A
Environment	<ul style="list-style-type: none"> • Operating Temperature: -20° ~ 70° C (-4° ~ 158° F) • Storage Temperature: -40° ~ 80° C (-40° ~ 176° F) • Humidity: 10% ~ 90% Non-condensing
Certifications	• CE, FCC
Dimensions	• 94 x 70.3 x 26.2 mm (3.7 x 2.77 x 1.03 inches)

Network Switches

PoE (Power over Ethernet) Switch & Accessory

CFC-20CM

10/100Mbps TP to 100Base-FX Media Converter, SC Type/ Multi-Mode/ 2KM



Key Features

- TP Port supports Auto-negotiation and Auto-MDI-X
- Operates at Maximum Packet Filtering and Forwarding Rate
- TP Port: 10/100Mbps Full-/Half-duplex, Fiber Port: 100Mbps Full-/Half-duplex
- Interoperable with 10BASE-TX, and 100BASE-FX Hubs or Switches

Using CFC-20CM is the simplest way to interconnect any equipment's 100BASE-TX/10BASE-T port to the 100BASE-FX interface network. It smoothly transfers data between RJ-45 port and 100BASE-FX Multi-Mode SC type Fiber port. Such a hybrid-networking device is based on the Transceiver in the IEEE 802.3 and 802.3u standards. CNet provides the most reliable quality and reasonable price to serve our customers.

CNet also provides a family of wired and wireless LAN products that deliver the same level of security, scalability, and manageability for WLANs that customers have come to expect in their wired LAN, including Routers, Switches, Modems, and Network Adapters.

Specifications

Fiber Mode	• Multi-Mode
Wave Length	• 1310nm
Fiber Cable	• 62.5/125 μ m
Fiber Cable Distance	• 2KM
Fiber Connector	• SC Type
TP Ports	• RJ-45 phone-type
LED Indicators	• FX: LINK/ACT • FX: FDX/COL • TP: LINK.ACT • TP: 100
Power Adapter	• External DC5V, 2A
Environment	• Operating Temperature: -20° ~ 70° C (-4° ~ 158° F) • Storage Temperature: -40° ~ 80° C (-40° ~ 176° F) • Humidity: 10% ~ 90% Non-condensing
Certifications	• CE, FCC
Dimensions	• 94 x 70.3 x 26.2 mm (3.7 x 2.77 x 1.03 inches)

Major Awards



Best Buy
computer buyer



tom's networking
Price Tipping Award



Channel
Awards



The ATM
Forum Member



Symbol of Excellence
Award



Innovative Product
Award



CNet Headquarters

7F-1, NO 738, Chung Cheng Rd, Zhonghe
Dist., New Taipei City 235, Taiwan, R. O. C.
Tel: +886-2-8228-0000
Fax: +886-2-8228-0066
sales@cnet.com.tw

CNet USA

2548 Zanker Road San Jose, CA 95131 U.S.A.
Tel: 1-408-934-0800
Fax: 1-408-934-0900
sales@cnetusa.com

CNET Middle East

Sheikhzayed road.Dubai. UAE
Tel: +971-4-238-6006
Fax: +971-4-238-6585

