



The QuFast ADSL CPE L3_S with 4 ports RJ-45 interface is an all-in-one device for SOHO users to access the Internet. The device integrates four high-speed 10/100Mbps auto-sensing, auto-negotiation Ethernet interface RJ45 port, one RJ11 port to connect to your ADSL service provider.

The QuFast is interoperable with all major ISP DSLAM vendors.

Key Features and Benefits

- 4 ports RJ-45 interface
- Bridging /Routing Mode
- PPPOE /PPPOA Support
- ICMP and IGMP Proxy Support
- NAT single-IP Address Internet Access
- 10/100mbps auto-sensing, auto-negotiation Ethernet interface
- Dynamic DNS Support
- Support up to 8 PVC (Permanent Virtual Circuits)
- DHCP Server/Client
- Remote Management via Web Servers
- Web Management
- Filtering Function For Security Management

The Specifications of QuFast ADSL CPE

ADSL Specification :

Standard Compliance

ANSI T1.413 issue 2

ITU G.992.1 (G.dmt)

ITU G.992.2 (G.lite)

Data Rate

DMT full rate:

Downstream data rate up to 8 Mbps, upstream data rate up to 1 Mbps

G.lite ADSL:

Downstream data rate up to 1.5 Mbps, upstream data rate up to 512K bps

ATM protocol

RFC 1483 (bridge and routing modem) multiprotocol encapsulation over ATM AAL5

RFC 1577 Classical IP over ATM

RFC 2364 PPP over ATM AAL5

RFC 2516 PPP Over Ethernet

ATM Forum UNI 3.1/4.0 PVC

OAM F5

Support up to 8 VCs

Network Access

IEEE 802.1d transparent bridging

Support up to 128 MAC learning address

Static routing

IP routing - RIPv1 and v2

DHCP server automatically assigns IP addresses to PC

DHCP Client capability automatically gets IP address from server at ISP

NAT enables multiple PCs on the LAN to access the Internet with single public IP address

ICMP

Security

PAP/CHAP authentication for PPP mode

Password protected system management

Management

Web based configuration and management

Firmware upgrade via FTP

4 Port Switch Specification :

4 Port 10/100Mbps Fast Ethernet Switch

Auto-negotiation and speed-auto-sensing support
Store-and-Forward Switching mode
Fully compliant with the IEEE802.3, IEEE802.3u and IEEE802.3x Fast Ethernet standards
Full duplex IEEE802.3x flow control
Half duplex back pressure flow control
Support 1K MAC address entries with automatic learning
Support MDI/MDI-X auto crossover per port
Interface : 4 x RJ-45 10/100Mbps Ethernet ports
Network Media :
100Base-Tx - UTP/STP CAT.5 Cable
10Base-T - UTP/STP CAT.3 or CAT.5 Cable

Connector and Indicator :

1 RJ11 for ADSL line port (2 RJ11 Jack for optional built-in splitter)
4 x RJ45 10/100 Mbps Ethernet ports
1 power jack for DC power supply.
1 Power ON LED
1 ADSL Link LED
4 Ethernet Link LEDs

Mechanical and Power Supply :

Power Adaptor DC 6V 1.5 A
Dimension : 180mm(W) x 120mm(L) x 12 mm(H).