

CopperJet 1612

ADSL2/2+ Router



Features and Benefits

- ADSL/ADSL2/ADSL2+
- Up to 24 Mbps downstream
- Annex A, Annex B, U-R2 support
- Full featured Router and Firewall
- User friendly webserver interface
- QuickStart for easy set-up



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Delivering ADSL/ADSL2 and ADSL2+ enables service providers to offer connections of 24 Mbps downstream with the new CopperJet 16xx series. Furthermore, ADSL2+ extends the reach of ADSL.

The benefits of ADSL2/2+ are higher speeds up to 24 Mbps downstream; Low Power Mode (LPM) enables overall power savings by entering into sleep mode when the connection is not being used; Seamless rate adaptation (SRA) enables the system to change the data rate of the connection without any service interruption; Bonding of ADSL lines provides higher data rates; Fast startup reduces initialization time; Reach can be increased with almost 30%.

The CopperJet 1612 provides layer 2 Bridging, layer 3 Routing and integrates a full featured firewall for security.

Capable of doing ADSL Annex A, Annex B, U-R2, ADSL2 and ADSL2+, the new CopperJet 16xx products from Allied Data Technologies increase the deployment of ADSL in rural areas and fulfill the demand for more bandwidth.



Technical Specifications

LAN Specifications

- Ethernet 10/100 BaseTX RJ45
- Bridging: IEEE 802.1d with spanning tree
- Routing: Default, Static, RIP1, RIP2
- DHCP: Server, Client, Relay

WAN Specifications

- ADSL Annex A, Annex B RJ11
- DTAG / U-R2, ETSI 101 388
- ITU-T G.992.1 (G.dmt)
- ITU-T G.992.3 ADSL2 (G.dmt.bis)
- ITU-T G.992.5 ADSL2+ (G.dmt.bis.plus)
- ANSI T1.413 i2
- G.994.1 (G.hs)

ATM

- ATM AAL5 (data)
- Support UBR, CBR, VBR-nrt, VBR-rt
- VPI Range (0-4095) and VCI range (1-65535)
- Support up to 8 PVCs in bridge mode and 8 PVCs in router mode
- Support OAM F4/F5 loopback
- RFC2684 (RFC1483), multi-protocol over ATM
- RFC2225 (RFC1577), IPoA
- RFC2364, PPP over ATM
- RFC2516, PPP over Ethernet (over ATM)
- Search for Service TR-037
- Zero Installation PPP Bridge ZIPB

Management

- SNMP V1, V2, MIB I, MIB II
- Webserver interface
- TELNET
- Dying Gasp

Security

- Stateful Inspection Firewall
- Intrusion Detection
- Denial Of Service protection
- De-Militarized Zone
- NAT/NAPT

Certification / Homologation

- CE mark

Interoperability

- Interoperable with major DSLAM manufactures.

Visual Indicators

- Ethernet
- ADSL
- Power

Product Package

- CopperJet 1612
- RJ45 Ethernet Cross Cable
- RJ11 Cable
- Quick Reference Guide
- Installation CD-Rom
- Power Supply

Operating System

- Ethernet: System independent including Windows Linux and MAC

Environmental

- Power Supply: External 115-230 VAC, 50 - 60 Hz, 8 Watt
- Operating Temp: 0C - 40C
- Storage Temp: -10C - 70C
- Operating Humidity: 5% - 90% non-condensing
- Dimensions (W x H x D): 120 mm x 40 mm x 170 mm
- Weight: 0.4 kg

