# CopperJet 1610

## ADSL2/2+ Router

**Allied Data**
TECHNOLOGIES

**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

## CopperJet 1610

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 1610 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.

DS1610_1.0

### LAN Specifications

- Ethernet 10/100 BaseTX RJ45
- USB 1.0 and 1.1
- 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
- IEC 60950

### Interoperability

- Interoperable with major DSLAM manufactures.

### Visual Indicators

- Ethernet
- ADSL
- USB
- Power

### Product Package

- CopperJet 1610
- RJ45 Ethernet Cross Cable
- USB Cable
- RJ11 Cable
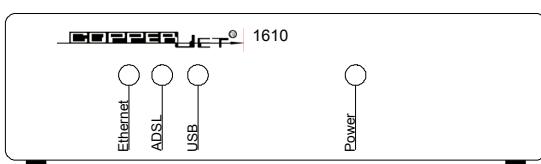- Quick Reference Guide
- Installation CD-Rom
- Power Supply

### Operating System

- Ethernet:   System independent including Windows
              Linux and MAC
- USB:        Windows 98SE, ME, 2000, XP

### 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

Front panel

Back panel