



# Advantage Series 16 Port ADSL Router

## WTM 61516: 16 Port ADSL Router



(IN DEVELOPMENT)

The Advantage Series 16 Port ADSL Router is easy to install and can be connected for broadband Internet access. Configuration can be automatically performed upon connection to ADSL line, reducing deployment costs for service providers while facilitating end-user installation. Built-in PPPoE and PPPoA clients eliminate the need to install any client software to surf the Internet.

The WTM 61516 can accommodate 16 users directly via its Ethernet ports without a Switching Hub. A built-in DHCP server automatically assigns IP addresses to all PCs. The WTM61516 addresses security concerns via a built-in configurable firewall. The IP address of the PC on the LAN are hidden from the Internet, providing a simple and effective network security solution. Multiple PCs can share a single external IP address while making them invisible to the Internet.

Easy, reliable and secure, the Advantage 16 Port ADSL Router is the perfect solution in meeting all your network and broadband needs.

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### Technical Specifications

#### Standard Compliance and Line Speed

- T1.413 Issue 2 and ITU G.DMT (G.992.1) standard Annex A
- Splitterless ITU G.Lite (G.992.2)
- Transmission Rate:  
Downstream Max. up to 8 Mbps  
Upstream Max. up to 1 Mbp

#### Security

- PAP, CHAP authentication protocols
- Password Authentication
- IP packet filtering firewall
- L2TP and PPTP Support

#### Management

- Protocol Support: SNMP v1, HTTP, TELNET
- Supports of Standard MIBs: MIB-II, ATOM-like MIB, PPP MIB, Bridge MIB
- Support for field upgrade
- Extensive Diagnostics at various levels:
  - IP ping
  - Trace Route
  - ATM loop back
- Support for alarms of various severity levels
- On board log of alarms
- Comprehensive trace and debug information (local/remote)
- Web interface for end user

#### Regulatory Approvals:

FCC Part 68 and FCC part 15, Class B approved

*To the Internet World  
with an Advantage!*

## Data Protocol Support

### Network Protocol: IP routing

- CAC, VC Manager
- OAM (F5) cell support
- Signaling-UNI4.0
- HTTP server

### Bridging Mode

- Up to 1000 hosts
- ATM Adaptation Layer (AAL) processing (AAL5)
- Transparent bridging with spanning tree algorithm
- Multi-Protocol Encapsulation (RFC2684)-Bridged

### Routing Mode

- Integrated 16 port switching hub
- Up to 1024 NAT translation sessions
- Multiple users
- Dynamic Host Control Protocol
- DNS Relay Implementation
- Rich Networking Protocol Support: IP, ICMP, ARP, UDP, TCP, TFTP, BOOTP, NAT, DHCP, PPP, L2TP, PPPoE, PPPoA, FTP, RIP
- Integrated Firewall: IP Filtering, Raw Filtering
- PPP over ATM (RFC 2364) (w/ PAP & CHAP and header compression)
- PPP over Ethernet
- L2TP over ATM
- Multi-Protocol Encapsulation (RFC2684) – Routed
- Simultaneous bridging and routing; bridged IP
- FTP, SNMP, ICMP, H.323, Quake, MRC, ICQ, CUSeeMe



## LED Indicators

- POWER LED: Indicates power status
- LAN LED: Indicates the 10/100Base T connection between ADSL modem and PC/LAN
- LINK LED: Indicates ADSL connection between DSLAM and ADSL modem
- ACT LED: Indicates presence of ADSL data activity on ADSL modem

## Dimension, Power, Environmental

- Dimension: L: 10 in (254mm)  
W: 7 in (178mm)  
H: 1.5in (38mm)
- Power Requirements  
- 120 VAC nominal 60Hz
- Environment (Specification)
  - Storage Temperature: -20° C to 70° C
  - Operating Temperature: 0° C to 40° C
  - Humidity: 0%~90% RH (Non-condensing)

## Physical Interface

- Power: DC power jack
- ADSL Line: 6-pin modular jack (RJ11)
- Phone Line: 6-pin modular jack (RJ11) with Built-in micro filter for voice
- PC connection: Sixteen (16) 10/100 Base T Ethernet 8-pin modular jack (RJ45)

## Ordering Information

WTM61516: 16 Port ADSL Router

Available in Black and White