



let's make it **easy**

ADSL2 + **Cable Modem**

Model: TDM6500



Overview

TDM6500 is an Data Modem, compatible with high-speed ADSL2 and ADSL2+ interfaces over existing copper lines. It supports one 10/100 Mbps Ethernet port and one ADSL line to access the internet. With speed up to 12 Mbps (ADSL2) or 24 Mbps (ADSL2+) that provides you a broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever. It's an idea for streaming multimedia content to the home.

Key Features & Benefits

- **High Performance**

The built-in ADSL2/ADSL2+ Data Modem gives unrivaled asymmetric high-speed data transport at up to 24 Mbps downstream. TDM6500 offers higher data transfer rates and better bandwidth than traditional ADSL gateways.

- **UPnP**

Universal Plug and Play (UPnP) makes it easy to use your computers and other client devices.

- **Robust Security**

A true firewall secures your network against hackers such as Stateful Packet Inspection (SPI) and Denial of Service (DoS) attack prevention averts potential threats by scanning incoming traffic and Network Address Translation (NAT) shields your networked devices from intruders.

- **Hard QoS**

The TDM6500 enables network administrators to allocate network resource and to guarantee Quality of Service. It gives priority to real-time, delay sensitive applications like Voice-over-IP and video-on-demand to improve the user experience.

- **Simple Management**

The 'human-touched' web interface of TDM6500 brings the best user experiences to system administrators.

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Product Specifications

Interface

- WAN: ADSL2/ADSL2 + RJ-11 port
- LAN: 1 10/100 Mbps RJ-45 port

ADSL Compliance

- ANSI T1.413 Issue 2
- ITU-T G.992.1 G.DMT
- ITU-T G.992.2 G.Lite
- ITU-T G.992.5 (ADSL2+)
- ITU-T G.992.3/G.992.4 (ADSL2)

ATM Features

- ATM Forum UNI 3.1/4.0
- 8 PVCs support
- PPP over ATM (RFC2364)
- PPP over Ethernet (RFC2516)
- IP over ATM (rfc1577)
- Multiple protocol over AAL5 (RFC1483/2684)
- Class-of-Service: UBR,CBR,VBR
- VC and LLC encapsulation
- OAM F4/F5 support

Security Features

- VPN pass-through (IPSec/L2TP/PPTP)
- NAT firewall
- Mac/Packet Filtering
- Stateful Packet Inspection (SPI)
- User Authentication PAP/CHAP
- DoS attack protection

IP Management

- DHCP Server/Relay/Client
- DNS Proxy
- Dynamic DNS
- UPnP support

Network Management

- Web-based configuration
- Telnet remote management
- Firmware upgrade via FTP and TFTP
- Configuration backup and restore
- SNMP support
- TR-069 WAN management protocol

Physical Specifications

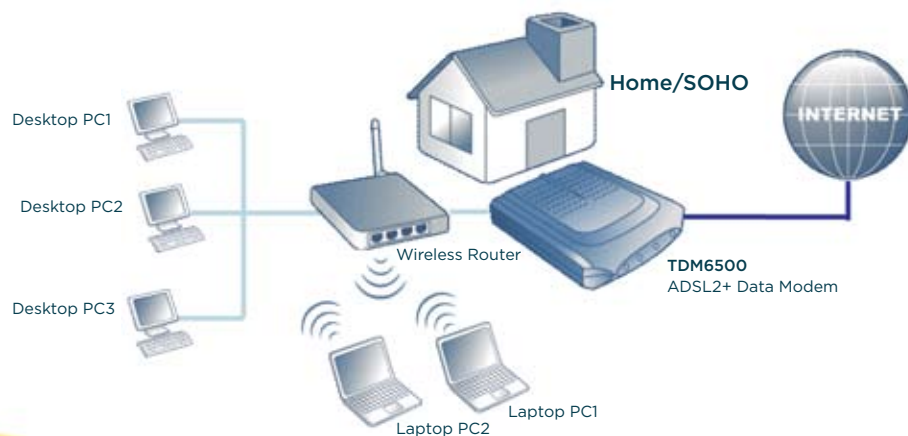
- Dimensions: 110(W) x 121(D) x 32(H) mm
- Weigh: 175 g
- Power: 12V/1A

Environment Conditions

- Operating temperature: 0°C ~ 40°C
- Humidity: 5-95% (non-condensing)

Certifications

- CE
- FCC Class B
- Withstand 8KV test voltage of electrostatic discharge under operational conditions.



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