



ADSL/ADSL2+ Ethernet / USB Combo Modem Router TDM-C400

The TDM-C400 is ADSL/ADSL2+ customer premise equipment that provides high-speed asymmetrical data transmission on a single twisted copper pair. The DSL line interface supports various ADSL standards, up to ADSL2+. At the DTE side these CPEs provide, dual interfaces, a 10/100 Ethernet interface and one USB port for easy connection to user's PC or LAN environment. TDM-C400 delivers broadband access for enterprises, telecommuters, home, and remote office workers with high-speed data transfer requirements.

FEATURES

- Compliant with ITU-T G.992.1 (G.dmt), G.992.2 (G.lite) and ANSI T1.413 Issue 2
- TDM-C400 is additionally compliant with ITU-T G.992.3 (G.dmt.bis / ADSL2), G.992.5 (ADSL2+) and provides up to 24 Mbps downstream rate
- Compatible and interoperable with major Central Office side ADSL DSLAM or Multi-service Access System
- One 10/100 Base-TX Ethernet port and one USB 1.1 device port for PC / LAN connection
- RFC2684 / 1483 to bridge or route traffic over ATM over ADSL
- Support Networking protocols such as PPP, IP routing, NAT, relay / client
- Support local and remote configuration and management through Web, Telnet or SNMP
- Simple firmware upgrade via TFTP, FTP or HTTP
- 5-Year Warranty

ADSL/ADSL2+ Ethernet / USB Combo Modem Router

TDM-C400

SPECIFICATIONS

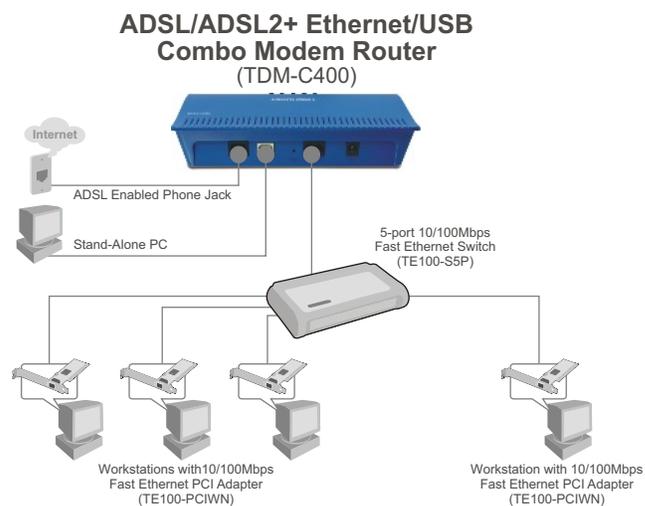
Hardware	
LAN Interface	<ul style="list-style-type: none">• One 10/100 Base-TX Ethernet port, IEEE 802.3/3u, RJ-45 connector• One USB 1.1 device port, type B connector
WAN Interface (ADSL line)	<ul style="list-style-type: none">• One pair (2-wire) loop, 100 Ω line impedance with RJ-11 connector• Compliance of X8821r: ITU-T G.992.1, G.992.2 and ANSI T1.413 Issue 2• Compliance of X8821r+: ITU-T G.992.1, G.992.2, G.992.3, G.992.5 & ANSI T1.413 Issue 2
Indicators	<ul style="list-style-type: none">• USB (green LED) – Continuous ON when USB is active; blinking while transmitting / receiving data• LAN (green LED) – Continuous ON when Ethernet is active; blinking while transmitting / receiving data• PPP (green LED) – Continuous ON when PPP connection is established; blinking while transmitting / receiving data• WAN (green LED) – Continuous ON when ADSL link is up• PWR (green LED) – Continuous ON when power is properly connected
OAM&P	<ul style="list-style-type: none">• Local: Telnet or Web management via Ethernet• Remote: Telnet or Web Management
Power	<ul style="list-style-type: none">• AC adapter: Input 110/220VAC, 50/60Hz; Output 15VAC 1A
Power Consumption	<ul style="list-style-type: none">• Less than 6 Watts
Environment	<ul style="list-style-type: none">• Operation Temperature and Humidity: 0°C ~ 45°C, 5% ~ 95% (non-condensing)• Storage Temperature and Humidity: -20°C ~ 85°C, 5% ~ 95% (non-condensing)
Dimensions	<ul style="list-style-type: none">• 170 mm x 121 mm x 36 mm (6.7 x 4.8 x 1.4 in)
Weight	<ul style="list-style-type: none">• 255g (9 oz)
Certifications	<ul style="list-style-type: none">• FCC, CE
Software	
ATM	<ul style="list-style-type: none">• ATM cells over ADSL, AAL5• Supports 8 PVCs• Supports UBR, CBR, rt-VBR, nrt-VBR and GFR traffic classes• ADSL-aware CAC (Connection Admission Control)• Support for F5 AIS, RDI, and loopback cells• Payload encapsulation<ul style="list-style-type: none">- RFC2684 / RFC1483, Multiprotocol Encapsulation over ATM Adaptation Layer 5- RFC2225 / RFC1577, Classical IP and ARP over ATM(IPoA)- RFC2364, PPP over AAL5 (PPPoA)
Bridging	<ul style="list-style-type: none">• RFC2684 / RFC1483 bridged PDU encapsulation• IEEE 802.1D transparent bridging and spanning tree protocol• ZIPB (Zero Installation PPP Bridge)
Routing	<ul style="list-style-type: none">• RFC2684 / RFC1483 routed PDU encapsulation• Supports Point-to-Point Protocol (including PPPoA and PPPoE) and user authentication via PAP or CHAP• Supports TCP, UDP, ARP, RARP, IPCP, ICMP, IGMP, etc.• IP routing: static route, RIP v1 and v2• NAT/PAT with extensive ALG supports• DNS relay agent• Layer 2 tunneling protocol (L2TP)

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Software	
Security	<ul style="list-style-type: none">• Built-in firewall with protection against DOS attacks, IP spoofing, and other common types of attacks• Packet filtering at MAC layer (raw filter) and IP layer, including stateful packet filtering• Supports blacklist
Configuration and Network Management	<ul style="list-style-type: none">• TR037-compliant auto-configuration using ILMI• SNMP v1 agent – over IP, ILMI VCC or HDLC/EOC• DHCP client, server and relay for IP management• Universal Plug and Play (UPnP) support• Telnet with CLI (command line interface) or Web-based configuration and management• FTP/TFTP or HTTP for firmware upgrade and configuration

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TDM-C400
- CD-ROM (User's Guide)
- Quick Installation Guide
- 1 x 1.5m(5ft) Cat.5 Cable
- 1 x USB Cable
- 1 x RJ11 Telephone Cable
- Power Adapter (15V AC 1A)

RELATED PRODUCTS

TW100-BRM504	4-Port ADSL Modem Firewall Router
TDM-E400	ADSL/ADSL2+ Ethernet Modem Router
TEW-435BRM	54Mbps 802.11g ADSL Firewall Modem Router

ORDERING INFORMATION

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