



XC-NT200R-PLUS Hardened ADSL Modem



Description

The NT 200R-PLUS ADSL modem is the choice for value and performance in the industrial broadband marketplace.

Because of its solid list of features, it is the perfect choice for those difficult installations where environmental conditions are challenging.

The NT200R-PLUS modems are versatile and come in several configurations and models. All are capable of supporting faster ADSL standards like ADSL2 and ADSL2+ with software upgrades.

The NT 200R-PLUS Dual Connect NAT Router Model is easy to install and can be configured in a matter of minutes using any standard Web browser through the Ethernet Interface or the ADSL side of the modem. LAN network setup supporting up to 253 users is a breeze through the use of Network Address Translation (NAT) and Dynamic Host Control Protocol (DHCP).

FEATURES

- Secure
- Easy installation
- Uses existing site phone cabling.
- Complete ADSL router
- Full-rate ADSL and G.lite operation
- Integrated 10/100 Ethernet MAC
- Complete network stack including bridge and router operation
- Remote Programming and Firmware update from ADSL side of modem
- GUI based Web management
- IPsec VPN Gateway
- PPTP VPN Gateway, client, or server termination





NT200R-PLUS

Hardened ADSL Modem

Product Specifications

- **Dimensions**

Height: 1.4 in. (3.5 cm)
Width: 5.3 in. (13.5 cm)
Depth: 5.4 in. (13.7 cm)

- **Weight**

Approx 18.0 oz. (.40 kg)

- **Environmental**

Temperature: -40°C to +74°C (-40°F to 165.2°F)
Humidity: 10- 95%, non-condensing

- **Power Supply**

120 VAC (10%) to 12 VDC

- **Power Consumption**

minimum of 450mA, maximum of 1000mA, depending on model

- **LED Indicators**

DSL
Power
Ethernet
USB

- **Connectors**

Power: Barrel connector
Line (DSL): 4-pin (RJ-11) modular jack
Ethernet: (4 ports) 8-pin (RJ-45) modular jack

- **Standards**

ANSI T1.413 issue 2
ITU G.992.1 (G.DMT)
ITU G.992.2 (G.lite)
ITU G.992.3 (ADSL2 DMT)
ITU G.992.4 (ADSL2 G.lite)
ITU G.992.5 (ADSL2+)

- **Certifications**

EMC FCC, Part 15 Class B
UL 60950, 3rd Edition
CAN/CSA-22.21 60950
UL
CSA
ACTA 968-A
Industry Canada

- **Protocol Features**

Bridge Encapsulation per RFC1483
Logical Link Control/ Subnetwork
Access Protocol (LLC/SNAP)
ATN SAR: Internal to modem

- **Routing**

Up to 253 users with a user supplied
Ethernet hub
Network Address Translation (NAPT/
PAPT)
DHCP - Automatic or manual local ad
dress assignment
DNS proxy Implementation
Stateful inspected packet filtering
firewall
RFC 2364, RFC 2684, RFC 2225

- **Transport and Application Protocol Support**

TCP, UDP, ICMP, SMTP, NNTP, FTP,
HTTP, HTTPS, SSL
Support for PPTP/L2TP/IPSEC/VPN
Tunnel through NAT router
Bridged PPPoE from PC
simultaneously with NAT router
PPPoE session

- **Security**

IPSec VPN Gateway
PPTP VPN Gateway, Client, or Server
Termination
a. Security
i. Remote Side
1. IPSEC Outgoing (allow)
2. ICMP incoming (allow)
3. All other services disabled

Specifications subject to change without notice

GDI Communications LLC

PO Box 1330, Verdi, NV 89439

Ph: 775-345-8000 Fax: 775-345-8010 E-mail: traffic@sgdi.net

NT200R-PLUS-32411