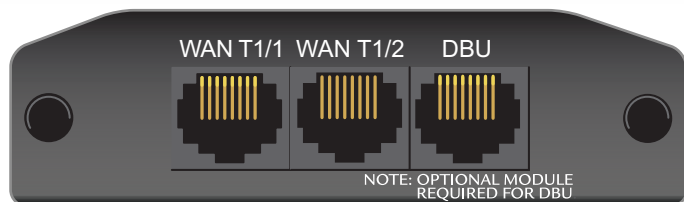


## NetVanta Dual T1/FT1 Network Interface Module (NIM)

P/N 1202872L1



### SPECIFICATIONS

<b>AOS Version</b>	Requires AOS 17.8 or later
<b>Operating Modes</b>	Frame Relay, Multilink Frame Relay, PPP, Multilink PPP, HDLC
<b>T1/FT1 Interfaces</b>	Supported Standards: AT&T TR 62411, AT&T TR 54016, Bellcore TR 194, ANSI T1.403 Line Rate: 1.544 Mbps $\pm$ 75 bps Line Code: AML or B8ZS Framing: D4 (SF) or ESF FT1 Line Rate: DS0 channelized (multiples of 64 kbps) Input Signal: 0 to -36 dB (DS1) Line Build-Out: 0, -7.5, -15, -22.5 dB (long), 0 to 655 ft (short) Connector: RJ-48C DS0 Assignment: Programmable
<b>Clock Source</b>	Network, internal
<b>Diagnostics</b>	Test Pattern Generation and Detection: QRSS, 511, $2^{15} - 1$ , $2^{20} - 1$ , all ones, all zeros Network loopbacks (local and remote); responds to both inband and FDL loop codes Alarm generation and detection Network and user sets of performance data (15 minutes and 24 hours)
<b>Compliance</b>	FCC Part 15 Class A, EN 55022 Class A, EN 55024 ACTA/TIA-968/FCC Part 68 UL/CUL 60950-1
<b>Physical</b>	Dimensions: 2.75-inch W x 4.25-inch D Operating Temperature: 0°C to 50°C Storage Temperature: -20°C to 70°C Relative Humidity: Up to 95 percent, noncondensing



*NetVanta modules should be installed only in NetVanta Series products.*

### INSTALLATION INSTRUCTIONS

1. Remove power from the base unit.
2. Remove the cover plate from the option slot.
3. Slide the option module into the option slot until the module is firmly seated against the chassis.
4. Secure the pins at both edges of the module.
5. Connect the cables to the associated device(s).
6. Complete the installation of the base unit.
7. Restore power to the base unit.

### WARNING

*For NetVanta modules with outside plant connections, ensure that all cables are removed from the module before installing or removing it from the NetVanta chassis.*

### WAN T1/1 AND T1/2 NETWORK CONNECTION PINOUTS

Pin	Name	Description
1	R1	Receive data from the network - Ring 1
2	T1	Receive data from the network - Tip 1
3	—	Unused
4	R	Transmit data toward the network - Ring
5	T	Transmit data toward the network - Tip
6-8	—	Unused

### NOTE

*An optional analog modem dial backup interface module (DIM) is required for dial backup applications. For a description of the DBU pinouts, refer to the quick start guide included with your DIM shipment.*

### NOTE

**Important:** For additional details on product features, specifications, installation, and safety, refer to the appropriate hardware installation guide available on ADTRAN's Knowledge Base at <http://kb.adtran.com>.