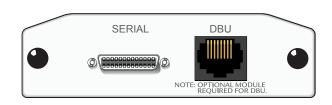


NETVANTA SERIAL NETWORK INTERFACE MODULE (NIM)

P/N 1200866L1



SPECIFICATIONS

Serial Interface	Provides V.35 or X.21 (V.11) electrical interface
	Connector: 26-Pin Smart Serial (DTE)
Operating Mode	DTE Only

INSTALLATION INSTRUCTIONS

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

NOTE
HOTE

An optional Dial Backup Interface Module (DIM) is required for dial backup applications.

SERIAL NETWORK CONNECTION PINOUT

Pin	Name	Pin	Name
1	TD_A	14	TD_B
2	ETC_A	15	ETC_B
3	TCLK_A	16	TCLK_B
4	RCLK_A	17	RCLK_B
5	RD_A	18	RD_B
6	DCD_A	19	Unused
7	DTR_A	20	Unused
8	RTS_A	21	Unused
9	RTS_B (V.11 only)	22	Unused
10	CTS_B (V.11 only)	23	Unused
11	CTS_A	24	Unused
12	DSR_A	25	Unused
13	TM_A	26	Ground

DBU (RJ-48C) CONNECTION PINOUT

Pin	Name	Description	
1-2	_	Unused	
3	R1	Network-Ring1	
4	R	Network-Ring	
5	Т	Network-Tip	
6	T1	Network-Tip1	
7-8	_	Unused	

NETVANTA SERIAL NETWORK INTERFACE MODULE (NIM)

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SERIAL NIM COMMANDS

description <text>

Comment line to provide an identifier for this interface (for example, circuit ID, contact information, etc).

<text> Up to 80 alphanumeric characters

et-clock-source {rxclock | txclock* }

Configures the clock source used when creating the external transmit (reference clock).

rxclock Uses the clock recovered from the receive signal to generate

external transmit clock.

Uses the clock recovered from the transmit signal to generate external transmit clock.

ignore dcd

txclock*

Defines the behavior of the serial interface when the data carrier detect (DCD) signal is lest

When configured to follow DCD (default condition), the serial interface will not attempt to establish a connection when DCD is not present. When configured to ignore DCD, the serial interface will continue to attempt to establish a connection even when DCD is not present.

invert etclock

Configures the serial NIM to invert the external transmit (reference clock) in the data stream before transmitting.

invert rxclock

Configures the serial interface to expect an inverted receive clock in the received data stream.

invert txclock

Configures the serial interface to invert the transmit clock found in the transmitted data stream.

serial mode (V35* | X21)

Configures the electrical mode for the interface. Both modes require the use of the appropriate cable: V.35 (1200873L1) or X.21 (1200874L1).

For more detailed documentation, visit us online at www.adtran.com

shutdown

Turns off the interface. The **no** version of this command turns the interface on and allows it to pass data.

snmp trap

Enables all supported Simple Network Management Protocol (SNMP) traps on the interface.

snmp trap link-status

Controls the SNMP variable to enable (or disable) the interface to send SNMP traps when there is an interface status change.

^{*} Indicates default values.