

INSTALL THE NETWORK INTERFACE MODULE (NIM)

1. Verify the unit is not connected to a power source.
2. (Optional) To install the Dial Backup Interface Module (DIM), carefully align the P1 connector on the NIM with the J1 connector on the DIM. Using only fingertip pressure to ensure that neither circuit board bends or flexes, firmly seat the connectors. Secure the DIM to the NIM using the supplied screws and standoff posts.
3. Slide the NIM into the option slot until the module is firmly positioned against the back of the chassis.
4. Secure the push pins at both edges of the module.
5. (Optional) To install the Wide Slot Interface Module, align the module with Slot 3 and slide the module into the chassis until it is firmly positioned against the backplane connectors. Secure by tightening the screws.

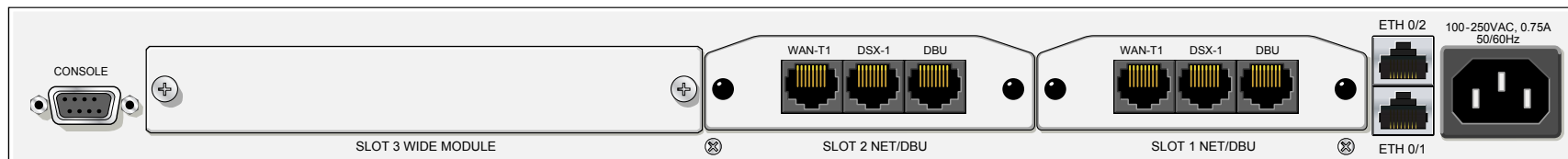
CONNECT TO THE NETVANTA 4305 CONSOLE

Before connecting to the NetVanta 4305 **CONSOLE** interface you will need the following items: VT100 terminal or PC (with VT100 terminal emulation software) and a straight-through serial cable with a DB-9 (male) connector on one end and the appropriate interface for your terminal (or PC) on the other.

1. Connect the DB-9 (male) connector of your serial cable to the **CONSOLE** port on the rear panel of the unit.
2. Connect the loose end of the serial cable to the VT100 terminal or PC (with terminal emulation software).
3. Open a VT100 terminal session to the NetVanta 4305 using the following settings:
9600 baud, 8 data bits, no parity bits, and 1 stop bit. Press **<Enter>** to activate the ADTRAN Command Line Interface.
4. Enter **enable** at the **>** prompt.
5. Enter the password when prompted. The default password is password.

LED DESCRIPTIONS

For these LEDs...	This activity...	Indicates that...
STATUS	Green (blinking)	Unit is powering up. On power-up the STAT LED blinks rapidly for five seconds, during which time the user may escape to boot mode from the console port.
	Green (solid)	Power is on and self-test passed.
	Red (solid)	Power is on, but the self-test failed or the boot mode (if applicable) code could not be booted.
	Yellow (solid)	Unit is in test.
NET 1/NET 2 WAN	Off	No NIM is installed, or interface is administratively down.
	Green (solid)	Link is up and everything is operational.
	Red (solid)	An alarm condition is occurring on the WAN interface, or there is a self-test failure.
	Yellow (solid)	Unit is in test.
NET 1/NET 2 DBU	Off	No DIM is installed.
	Green (solid)	DIM is ready. For the ISDN BRI DIM, green solid indicates that the negotiation with the switch is complete.
	Green (blinking)	Unit is in dial backup.
	Red (solid)	An alarm condition is occurring on the DBU interface, or there is a self-test failure.
	Yellow (solid)	Unit is in test.
NET 1/NET 2 TD/RD	Green (blinking)	There is activity on the WAN or DBU port.
	Off	There is no activity on the WAN or DBU port.
LAN 1/LAN 2 LNK	Green (solid)	10BaseT Ethernet link is up.
	Yellow (solid)	100BaseT Ethernet link is up.
LAN 1/LAN 2 TD/RD	Green (blinking)	There is activity on the Ethernet port.
	Off	There is no activity on the Ethernet port.



LED DESCRIPTIONS (CONTINUED)

For these LEDs...	This activity...	Indicates that...
WIDE SLOT 1 STATUS	Off	Card is not installed.
	Green (solid)	Card is recognized by the system
	Red (solid)	Alarm condition with card.
WIDE SLOT 1 ACTIVITY	Green (blinking)	There is data activity on the card (e.g., for the Octal T1 Module, this indicates TD/RD data).
	Off	There is no data activity on card.
WIDE SLOT 1 TEST	Off	Card is not in test.
	Yellow (solid)	Card is in test mode.

CONSOLE PINOUT

Pin	Name	Description
1	DCD	Data Carrier Detect (output)
2	RD	Receive Data (output)
3	TD	Transmit Data (input)
4	DTR	Data Terminal Ready (input)
5	SG	Signal Ground
6	DSR	Data Set Ready (output)
7	RTS	Request to Send (input)
8	CTS	Clear to Send (output)
9	RI	Ring Indicate (output)

ETHERNET PINOUT

Pin	Name	Description
1	TX1	Transmit Positive
2	TX2	Transmit Negative
3	RX1	Receive Positive
4, 5	—	Unused
6	RX2	Receive Negative
7, 8	—	Unused

COMMANDS

Refer to the ADTRAN Operating System (OS) Command Reference Guide (provided on the ADTRAN OS Documentation CD) for details on configuring the system using the Command Line Interface.