NetVanta 5305 System Controller Module

P/N 1200831G1

SYSTEM CONTROLLER   CONSOLE   ETH 0/1   ETH 0/2

SPECIFICATIONS

Interfaces	Console: EIA-232 (DB-9 female) for access to command line interface (CLI) and monitoring Ethernet: Two 10/100Base-T interfaces (RJ-48C) for connection to the local area network (LAN)
Compliance	FCC Part 15 Class A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3 UL/CUL 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950-1 RoHS compliant
Physical	Dimensions: 11.63-inch W x 8.63-inch D Operating Temperature: 0°C to 50°C Storage Temperature: -20°C to 70°C Relative Humidity: Up to 95 percent, noncondensing

INSTALLATION INSTRUCTIONS

1. Remove power from the NetVanta 5305 base unit.
2. Remove the existing system controller module from the controller slot in the base unit.
3. Slide the replacement system controller module into the controller slot until the module is firmly seated against the chassis.
4. Secure the screws at both edges of the module. Tighten with a screwdriver.
5. Connect the cables to the associated device(s).
6. Complete the system installation as specified in the *NetVanta 5305 Hardware Installation Guide* (article number 2521) available online at http://kb.adtran.com. For information on installing network interface modules (NIMs), refer to the appropriate quick start guides shipped with the NIMs. For information on configuration for a specific application, refer to the configuration guides provided on ADTRAN's Knowledge Base.

ETHERNET PINOUTS

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

CONSOLE PINOUTS

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)

CONNECT THE CONSOLE INTERFACE

Before connecting to the NetVanta 5305 **CONSOLE** interface you will need the following items: PC with terminal emulation software and a straight-through serial cable with a DB-9 (male) connector on one end and the appropriate interface for your 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 PC with terminal emulation software.
3. Open a terminal session to the NetVanta 5305 using the following settings: 9600 baud, 8 data bits, no parity bits, and 1 stop bit. Press **<Enter>** to activate the AOS CLI.
4. For details on the command line interface (CLI), refer to the *AOS Command Reference Guide* (ADTRAN's Knowledge Base article 2219) available at http://kb.adtran.com.

> **NOTE**
>
> **Important:** *For additional details on product features, specifications, installation, and safety, refer to the* NetVanta 5305 Hardware Installation Guide *located online at* http://kb.adtran.com *(article number 2521).*

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