



INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate option slot in the TSU/ TDU rear panel.
2. Slide the Nx56/64 (EIA-530) module into the option slot until the module is firmly positioned against the front of the chassis.
3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.

NOTE: The TSU/TDU should be off when installing the Nx56/64 EIA-530 Option Module.

SPECIFICATIONS

DTE Interface	EIA-530
Rates	56 kbps to 1.536 Mbps in 56K or 64K steps
Clock Options	Internal, Internal-Inverted, External
Tests	Local loopback (bilateral): Menu activated; Remote loopback (V.54); Menu activated:self test
Test Pattern	511 with errored seconds display
Data Inversion	Menu selectable
1s Density Protection	Force 1s to network after one second of consecutive zeros from DTE. On/Off
CTS, DCD, DSR Opts.	Normal or Forced On
Connector	DB-25 (EIA-530)

NETWORK CONNECTION-DB-25 Pinout

Pin	Signal	Description
1	PG	Protective ground, cable shield
2	TD-A	Transmit Data (from DTE)
3	RD-A	Receive Data (to DTE)
4	RTS-A	Request to Send (from DTE)
5	CTS-A	Clear to Send (to DTE)
6	DSR-A	Data Set Ready (to DTE)
7	SG	Signal Ground
8	DCD-A	Data Carrier Detect (to DTE)
9	RC-B	Receive Clock Return
10	DCD-B	Data Carrer Detect Return
11	ETC-B	External TX Clock
12	TC-B	Transmit Clock Return
13	CTS-B	Clear to Send Return
14	TD-B	Transmit Data Return
15	TC-A	Transmit Clock (to DTE)
16	RD-B	Receive Data Return
17	RC-A	Receive clock (to DTE)
18	LL	Local Loopback (from DTE)
19	RTS-B	Request to Send Return
20	DTR-A	DTE Ready
21	RL	Remote Loopback*
22	DSR	Data Set Ready Return
23	DTR-B	DTE Ready Return
24	ETC-A	External TX Clock (from DTE)
25	TM	Test Mode (to DTE)

*ignored by Nx56/64

MENU TREE

		1) NI Perf Reports		
		2) NI Errors		
		3) Active Alarms		
	1) Status	4) View History	1) DTE Data/Ck	
		5) Port Status	2) DTE Status	
			3) Port Rate	
		1) Network (NI)		
		2) Unit		
		3) Map Xchnng		1) Interface
		4) Map in Use A (B)		2) Rate 56/64
	2) Config	5) DS0 Map A		3) TX CLK
		6) DS0 Map B		4) Data
		7) Port Config		5) CTS
				6) DCD
		1) Time/Date		7) DSR
		2) Factory Restore		8) 0 Inhib
		3) Set Passcode		
	3) Util	4) Unit ID		
		5) Port Util	Port 1.1	SW Version
		6) Software Rev		
		7) ENET Address		
		8) Serial Number		
		1) Network Tests		
		2) Run Self-test		
	4) Test	3) Port Test	1) LoopBk	
		4) Cancel Tests	2) 511 PATT	
			3) Dis 511 Result	