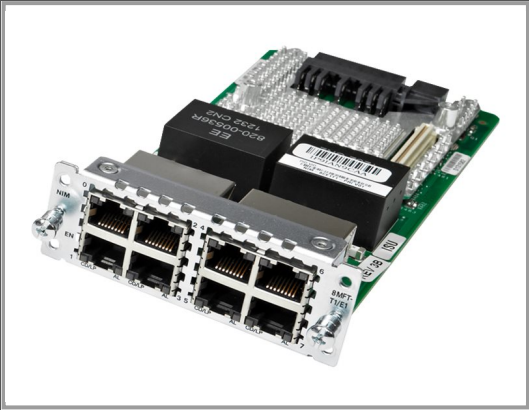


Cisco Fourth-Generation Multi-flex Trunk Voice/Channelized Data T1/E1 Module

Expansion module - T1/E1 x 8 - T-1/E-1 - for Cisco 4451-X

Group	Network Accessories
Manufacturer	Cisco
Manufacturer item no.	NIM-8CE1T1-PRI=
EAN/UPC	0882658570339



Description

The Cisco Fourth-Generation T1/E1 Multiflex Trunk Voice and WAN Network Interface Modules (NIMs) support data and voice applications on the Cisco 4451-X integrated services routers. These cards combine WAN-interface-card (WIC), voice-interface-card (VIC), ISDN Primary Rate Interface (PRI), dial-access integration, and channelized-data (CE1T1) functions to provide unparalleled flexibility, versatility, and investment protection through their many uses. Customers who choose to integrate data and voice in multiple steps preserve their investment in a T1/E1 WAN interface. The T1/E1 modules contain an onboard Cisco Packet Voice Digital Signal Processor Module 4 (PVDM4) slot, which requires a fourth-generation PVDM4 module. A PVDM4 on the T1/E1 module is necessary for the voice features. The PVDM4 also provides for echo cancellation of up to 128-ms echo-tail length for demanding network conditions.

Main features

Product Description	Cisco Fourth-Generation Multi-flex Trunk Voice/Channelized Data T1/E1 Module - expansion module - T1/E1 x 8
Device Type	Expansion module
Form Factor	Plug-in module
Ports	T1/E1 x 8
Dimensions (WxDxH)	8.89 cm x 18.39 cm x 3.18 cm
Weight	236 g
Data Transfer Rate	2.048 Mbps
Line Rate	T-1/E-1
Compliant Standards	G.703
Designed For	Cisco 4451-X, 4451-X Application Experience, 4451-X Integrated Services Router, 4451-X Integrated Services Router Security Bundle, 4451-X Integrated Services Router Voice and Video Bundle, 4451-X Integrated Services Router Voice Security Bundle

Extended details

	General
Device Type	Expansion module

Form Factor	Plug-in module
Networking	
Ports	T1/E1 x 8
Connectivity Technology	Wired
Data Transfer Rate	2.048 Mbps
Remote Management Protocol	SNMP, Telnet
Line Rate	T-1/E-1
Line Coding Format	AMI, B8ZS, HDB3
Status Indicators	Carrier detect, alarm
Features	Integrated CSU/DSU
Compliant Standards	G.703
Expansion / Connectivity	
Interfaces	8 x T1/E1
Miscellaneous	
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, UL 60950, EN50082-1, EN 61000-4-2, EN 61000-4-3, AS/NZ 3548 Class A, ICES-003 Class A, EN 61000-6-2, FCC CFR47 Part 15, IEC 60950-1, EN 60950-1, AS/NZS 60950, GR-1089-CORE, CAN/CSA C22.2 No. 60950, VCCI Class A, GR-63-CORE, EN 55022 Class A
Dimensions & Weight	
Width	8.89 cm
Depth	18.39 cm
Height	3.18 cm
Weight	236 g
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 85% (non-condensing)
Compatibility Information	
Designed For	Cisco 4451-X, 4451-X Application Experience, 4451-X Integrated Services Router, 4451-X Integrated Services Router Security Bundle, 4451-X Integrated Services Router Voice and Video Bundle, 4451-X Integrated Services Router Voice Security Bundle

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