NIM-1MFT-T1/E1 Datasheet

Overview

The Cisco® Fourth-Generation 1-, 2-, 4-, and 8-Port T1/E1 Multiflex Trunk Voice and WAN Network Interface Modules (NIMs) support data and voice applications on the Cisco 4000 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 superior 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.

Quick Specs

Table 1 shows the Quick Specs.

Model	NIM-1MFT-T1/E1
Serial data (channel-group*)	2 per port
E1 unframed G.703	Not supported
Voice channel associated signaling (CAS) (ds0-group**)	24 per port (T1) 31 per port (E1) 1 per timeslot
PRI (pri-group***)	1 per port
Drop and insert (tdm-group****)	24 per port (T1) 31 per port (E1) 1 per timeslot
Dimensions (H x W x D)	1.25 x 3.50 x 7.24 in. (3.18 x 8.89 x 18.39 cm)

* channel-group refers to bonding of one or more time slots into a single High-Level Data Link Control (HDLC)-framed serial connection for IP data traffic connectivity. This connection is used for HDLC, Frame Relay, and Multilink PPP (MLPPP) serial WAN connections.

** ds0-group refers to bonding of one or more time slots into a single TDM voice connection using CAS such as ear and mouth (E&M), foreign exchange station (FXS), or foreign exchange office (FXO). This connection is used for TDM PBX or PSTN connections and typically is deployed only on T1.

*** pri-group refers to bonding of two or more time slots into a single TDM connection using ISDN signaling. This connection is typically used for TDM PBX or PSTN voice connections on T1 and E1, and also for data WAN connections on E1. Each call on the PRI is individually indicated as being a voice or data call with the ISDN bearer capability delivered with the call. Signaling is done on the D-channel, which is always channel 24 on a T1 and channel 31 on an E1.

**** tdm-group refers to cross-connecting one or more time slots from one TDM interface to another. This connection is used to groom channels from different access points onto a combined T1 or E1 uplink. Because the router merely cross-connects and does not interpret or route the traffic from the ingress interface to the egress interface, the traffic type (voice and data) is transparent to the router.

Get More Information

Do you have any question about the NIM-1MFT-T1/E1?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

NIM-1MFT-T1/E1 Specification	
Capacity	
Serial data (channel-group)	2 per port