

Get a Quote

Overview

The Cisco ® High-Density Packet Voice Digital Signal Processor (DSP) Module (PVDM2) enables Cisco Integrated Services Routers to provide high-density voice connectivity, conferencing, and transcoding capabilities in Cisco IP Communications solutions. Cisco Integrated Services Routers provide enterprises and service providers with a toll bypass solution by connecting their existing telephony equipment (such as private branch exchanges [PBXs], key systems, analog telephones, and fax machines) to a toll-free data network and eventually migrating customers to Cisco Unified Communication Architecture for Voice, Video and Integrated Data IP telephony solutions.

The high-density packet voice DSP modules are available in five versions: PVDM2-8, PVDM2-16, PVDM2-32, PVDM2-48, and PVDM2-64.

Quick Specs

Figure 1 shows the appearance of PVDM2-64.

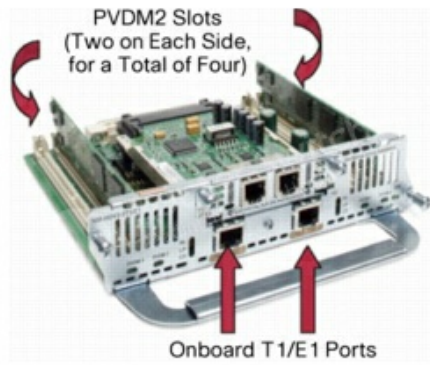


Table 1 shows the Quick Specs.

Product Code	PVDM2-64
Description	64-channel packet fax and voice DSP module
Maximum Number of Channels in G.711	64
Maximum Number of Channels in High-Complexity Codecs	24
Maximum Number of Channels in Medium-Complexity Codecs	32

Product Details

Figure 2 shows PVDM2 SIMM Slots on the Cisco High-Density Digital Voice Network Modules.



Compare to Similar Items

Table 2 shows the comparison of PVDM2-8, PVDM2-32, PVDM2-64, PVDM2-16 and PVDM2-48.

Product Code	PVDM2-8	PVDM2-16	PVDM2-32	PVDM2-64	PVDM2-48
Description	8-channel packet fax and voice DSP module	16-channel packet fax and voice DSP module	32-channel packet fax and voice DSP module	64-channel packet fax and voice DSP module	48-channel packet fax and voice DSP module
Maximum Number of Channels in G.711	8	16	32	64	48
Maximum Number of Channels in High-Complexity Codecs	4	6	12	24	18
Maximum Number of Channels in Medium-Complexity Codecs	4	8	16	32	24

Get more information

Do you have any question about the PVDM2-64?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

PVDM2 Modules Specifications	
Components	
DSP	<ul style="list-style-type: none"> • Texas Instruments TNETV2510GGW for PVDM2-16, PVDM2-32, PVDM2-48, and PVDM2-64 • Texas Instruments TNETV2505GGW for PVDM2-8
DSP CPU Clock	<ul style="list-style-type: none"> • 200 MHz for TNETV2510GGW • 175MHz for TNETV2505GGW
DSP External Memory	128-megabit synchronous dynamic RAM for each DSP (for both TI 2510 and TI 2505)
Interface	80-pin SIMM interface
Features	
Echo Cancellation	Software echo cancellation compliant with ITU-T G.168, with 64-ms tail coverage
Approvals and Compliance	

Safety	<ul style="list-style-type: none"> • IEC 60950 (worldwide) and AS/NZS 3260 (Australia and New Zealand) • CAN/CSA-C22.2 No. 60950 (Canada) and GB4943-95 (People's Republic of China) • EN60950 (CENELEC; includes EU and EFTA) • SS337 (Singapore; PSB approval), NOM-019-SCFI-1998 (Mexico), and UL 60950 3rd edition (United States)
Homologation	Platform dependent
Mean Time between Failure (MTBF)	System dependent
EMC	
CISPR22, Class B	Emissions
EN55022, Class B	Emissions
CFR47, Part 15, Subpart B, Class B	Emissions
EN61000-3-2	Harmonics
EN61000-3-3	Flicker
CISPR24	Immunity
EN 55024	Immunity
EN50082-1	Immunity
EN61000-3-2	Harmonics
EN 61000-3-3	Flicker
EN 61000-4-2	Electrostatic discharge (ESD)
EN 61000-4-3	Radio frequency (RF) fields
EN 61000-4-4	EFT
EN 61000-4-5	Surge
EN 61000-4-6	Conducted RF
EN 6100-4-8	Power-frequency magnetic fields
EN 61000-4-11	Voltage dips, sags, and interruptions

Want to Buy

Order Now

Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



200+

Countries we Sold



18,000+

Customers Trusted



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com