SAAM TAJHIZ | CISCO ROUTER MODULES

PVDM4-256

256 nominal low-complexity voice DSP channels

Manufacturer	Cisco
Part number	PVDM4-256
Slot / Carrier	Motherboard ISC / T1-E1 NIM DSP slot
Software	See exact host/mode matrix and current manufacturer guide
Ordering	Independent module; required carriers and licences are separate

Documented host options

C8200-1N-4T, C8200L-1N-4T, C8300-1N1S-4T2X, C8300-1N1S-6T, C8300-2N2S-4T2X, C8300-2N2S-6T, ISR4321/K9, ISR4331/K9, ISR4351/K9, ISR4431/K9, ISR4451-X/K9, ISR4461/K9

Dependencies and limits

Host listing is conditional on the exact slot, carrier/adapter, installed DSP, software release, operating mode and licence. The selection tool does not certify a complete simultaneous slot allocation. Check the full per-host conditions in the product page and compatibility CSV before supply. Do not equate NM, NIM, SM-X, PIM, SPA, EPA or MPA form factors. DSP channel ratings depend on codec complexity and host limits. Motherboard PVDM4 is not assumed on ISR4461 or Catalyst 8200/8300. SM-X-PVDM requires at least 8GB RAM. IP media DSPs do not replace the PVDM on an MFT for TDM.

Current manufacturer document

Open official Cisco source

https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html

Compiled by Saam Tajhiz on 17 October 2026. This is a local technical reference, not a manufacturer-issued standalone datasheet. Original archived Cisco PDFs, where included, are labelled separately. Price, availability, lifecycle and final BOM require inquiry.