

NIM-4FXS Datasheet

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Overview

NIM-4FXS is a Cisco 4-Port Network Interface Module - FXS. FXS-E and DID, for ISR4451-X. The Cisco® 4000 Series Integrated Services Routers (ISRs) host the Cisco network interface modules (NIMs), which have evolved from the enhanced high-speed WAN interface card (EHWIC), increasing port density and module capability. Up to three integrated NIM slots on the 4000 Series allow for flexible configurations. The NIMs support online insertion and removal (OIR), reducing the downtime required for new or replacement modules.

The available modules include 2-port and 4-port foreign exchange station (FXS), direct inward dial (DID), foreign exchange office (FXO), a combination of 2-port FXS and 4-port FXO, 4-port ear and mouth (E/M), and 2-port and 4-port basic rate interface (BRI). The BRI cards support only voice features. The NIMs have a dedicated digital signal processor (DSP) that will be used for time-division multiplexing (TDM) analog voice services.

Quick Spec

Table 1 shows the quick spec.

SKU	NIM-4FXS
Number of Ports	4
ISR G2 comparison	VIC3-4FXS/DID
Cisco IOS Release	XE3.13.4, XE3.14.3, XE3.15.1, XE3.16 and above
Weight	0.44 lb (200 g)

The Supported Devices

Table 2 shows the supported routers.

SKU	Description
ISR4451-X/K9	1-2G system throughput, 4 WAN/LAN ports, 4 SFP ports, 10 Core CPU, Security, Voice, WAAS, Intelligrnt WAN, OnePK, AVC, separate control data and services CPUs
ISR4451-X-AX/K9	1Gbps-2Gbps system throughput, 4 WAN/LAN ports, 4 SFP ports, multi-Core CPU, Dual-power, Security, Voice, WAAS, Intelligrnt WAN, OnePK, AVC, separate control data and services CPUs
ISR4451-X-SEC/K9	Cisco ISR 4451 Sec bundle w/SEC license
ISR4451-X-VSEC/K9	Cisco ISR 4451 VSEC Bundle, PVD4-64 w/ UC,SEC Lic,CUBE- 25
ISR4451-X-V/K9	Cisco ISR 4451 UC Bundle. PVD4-64. UC Lic.CUBE25
ISR4451-X-AXV/K9	Cisco ISR 4451 AXV Bundle.PVD4-64 w/APP.SEC.UC lic.CUBE-25

Compare to Similar Item

Table 3 shows the comparison.

Part Number	Number of Ports	ISR G2 comparison	Cisco IOS Release	Weight
NIM-2FXO	2	VIC2-2FXO	XE3.13.4, XE3.14.3, XE3.15.1, XE3.16 and above	0.42 lb (191 g)
NIM-4FXO	4	VIC2-4FXO	XE3.13.4, XE3.14.3, XE3.15.1, XE3.16 and above	0.44 lb (200 g)
NIM-2FXS	2	VIC3-2FXS/DID	XE3.13.4, XE3.14.3, XE3.15.1, XE3.16 and above	0.42 lb (191 g)