

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

# NIM-4FXS

Cisco Network Hardware Specification, Availability and Quote Reference

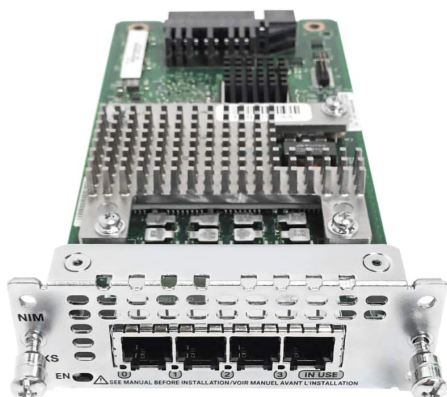
<b>Product Model</b>	<b>NIM-4FXS</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verified</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

<b>200+</b> Countries Sold	<b>18,000+</b> Customers Trusted	<b>\$20M</b> Inventory Available	<b>1-Year</b> Warranty Support
-------------------------------	-------------------------------------	-------------------------------------	-----------------------------------

## Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

[View Product Page & Request a Quote](#)



## NIM-4FXS Datasheet

The Cisco NIM-4FXS datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the NIM-4FXS and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)

---

### Key Features

#### Four FXS Ports with DID Option

Provides four Foreign Exchange Station ports that can also function as Direct Inward Dial (DID), ideal for connecting analog phones, fax machines, key systems, and inbound PSTN lines.

#### Integrated DSP for Advanced Voice

Onboard DSP removes the need for router PVDMs, enabling time-division multiplexed voice, echo cancellation up to 128 ms, voice activity detection, and comfort noise generation.

#### Broad Codec Compatibility

Supports G.711, G.729a, G.726, plus G.723 and iSAC, ensuring flexible bandwidth optimization and compatibility across enterprise and branch networks.

#### Enhanced Telephony Features

Delivers caller-ID generation, battery polarity reversal, Message Waiting Indicator (MWI), cable detection, and configurable long-loop support for robust enterprise voice.

#### Legacy Device and Fax/Modem Support

Compatible with T.38 fax relay, fax pass-through, and modem pass-through, allowing smooth integration of legacy fax and dial-up devices in critical industries.

#### Seamless Operations and UC Integration

Supports online insertion and removal (OIR), SNMP/MIB manageability, and interoperability with SCCP, H.323, SIP, and MGCP 1.0 under Cisco IOS XE software.

## Specification

Parameter	Specification	Parameter	Specification
<b>Model</b>	NIM-4FXS (4-port FXS Network Interface Module)	<b>Form factor</b>	NIM plug-in module for Cisco ISR 4000 Series
<b>Ports</b>	4 × FXS, RJ-11 connectors	<b>Interface type</b>	Foreign Exchange Station (FXS), universal analog interface
<b>Platform support</b>	Cisco ISR 4321, 4331, 4351, 4431, 4451	<b>Online Insertion/Removal (OIR)</b>	Supported
<b>Typical devices connected</b>	Analog telephones, fax machines, modems, key systems	<b>Loop current</b>	20 mA to 30 mA nominal
<b>Signaling</b>	Loop start, Ground start	<b>Ring voltage</b>	Up to 75 Vrms, 20–25 Hz
<b>Voice codecs</b>	G.711 (A/μ-law), G.729a/b, G.726, G.723.1	<b>Fax/Modem</b>	T.38 Fax Relay, Fax/Modem passthrough
<b>Protocol interworking</b>	SIP, SCCP, H.323, MGCP 1.0	<b>RTP features</b>	RTP/RTCP, RFC 4733 (RFC 2833) DTMF relay
<b>Echo cancellation</b>	Up to 128 ms tail length	<b>Voice optimizations</b>	VAD, CNG, cRTP (Compressed RTP)
<b>DSP resources</b>	On-module DSP (no router PVDM required)	<b>Country configuration</b>	Software-selectable (global homologation)
<b>Cabling</b>	2-wire analog, straight-through RJ-11	<b>Use cases</b>	Analog device integration for Cisco voice gateways, branch telephony
<b>Minimum software</b>	Cisco IOS XE 3.13 or later (Unified Communications license)	<b>Management</b>	CLI (console/SSH), SNMP, Cisco Prime Collaboration
<b>Regulatory compliance</b>	TIA-968-B (US), CS-03 (CA), AS/CA S002/S003 (AU), TBR 21 (EU)	<b>Weight</b>	Approx. 0.46 lb (≈210 g)
<b>Power consumption</b>	Under 10 W	<b>Operating temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Ordering PID</b>	NIM-4FXS	<b>Warranty</b>	Per Cisco standard hardware warranty policy

## Want to Buy

---

[Order Now](#) [Get a Quote](#)

## Why Layer23-Switch.com

---

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

<b>200+</b> Countries we Sold	<b>18,000+</b> Customers Trusted	<b>\$20,000,000</b> Inventory Available	<b>50%-98%</b> Off Global List Price	<b>100%</b> Safe Online Shopping
----------------------------------	-------------------------------------	--	---	-------------------------------------

## Contact Us

---

- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [layer23-switch](#)
- Telegram: [layer23\\_switch](#)
- Email: [sales@layer23-switch.com](mailto:sales@layer23-switch.com)

### Need Price and Availability for NIM-4FXS?

View product details, request a quote, or check current stock from Layer23-Switch.

[View Product Details & Request a Quote](#)