

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

ISR4331/K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	ISR4331/K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

200+ Countries Sold	18,000+ Customers Trusted	\$20M Inventory Available	1-Year 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](#)

ISR4331/K9 Datasheet

The Cisco ISR4331/K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the ISR4331/K9 and integrate it into enterprise or service provider networks with confidence.

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



Front View

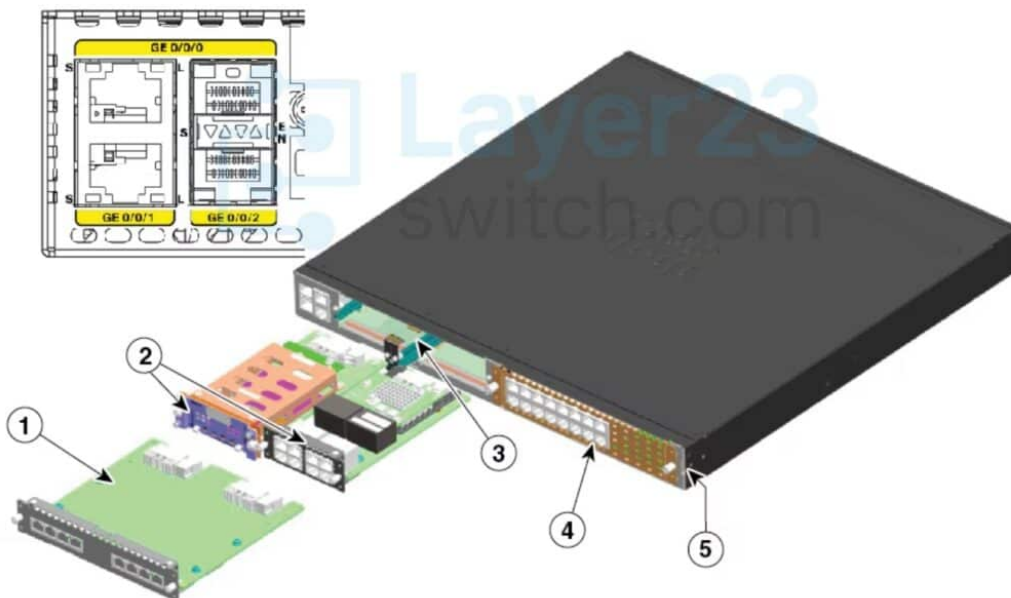


1	USB Type B mini port	2	Serial console port
---	----------------------	---	---------------------

3	AUX port	4	USB Type A port
5	Management port	6	LEDs
7	AC Power		

Rear View

1	Double-wide NIM	2	NIMs
3	Removable module slot divider	4	SM-X slot
5	Ground connection		



Key Features

Scalable Performance

Supports 100-300 Mbps aggregate throughput, ensuring that branch networks can start small and scale seamlessly as business traffic grows.

Flexible Modularity

Equipped with 2 NIM slots, 1 SM-X slot, and 1 ISC slot, the ISR4331 allows enterprises to integrate voice, security, storage, or WAN optimization services according to project needs.

Integrated Security

Provides advanced encryption, VPN, and firewall capabilities within the same platform, reducing the need for external security appliances and safeguarding critical enterprise data.

Optimized for Branch Deployments

Designed as a branch-edge and WAN aggregation router, ISR4331 delivers reliable connectivity for regional offices, supporting multi-service workloads and hybrid WAN strategies.

Unified Communication Readiness

Compatible with PVDM4 DSP modules, enabling voice, video, and conferencing integration for organizations adopting Cisco Unified Communications solutions.

Energy-Efficient & Compact

1RU rack-mount design with smart fan control and efficient PSU options, ensuring lower power consumption, reduced cooling needs, and space savings in branch racks.

Specification

Parameter	Specification	Parameter	Specification
Model	Cisco ISR4331/K9	Series	Cisco 4000 Series ISR
Ethernet Ports	3 × 10/100/1000 (2 × RJ45/SFP combo, 1 × RJ45)	Management Port	1 × GE (dedicated)
NIM Slots	2 (single-wide or 1 double-wide with divider)	SM-X Slot	1 Enhanced Service Module
ISC/PVDM4 Slot	1 slot for DSP modules	USB Ports	1 × USB 2.0 Type-A, 1 × mini-USB console
Console Ports	1 × RJ-45 console, 1 × RJ-45 AUX	OS	Cisco IOS XE
Default DRAM	4 GB	Maximum DRAM	16 GB
Default Flash	4 GB	Maximum Flash	16 GB
Aggregate Throughput	100 Mbps (base), up to 300 Mbps (licensed)	Encryption Throughput	Up to 100 Mbps with services enabled
WAN/LAN Interfaces	Provided via NIM/SM-X modules	SFP Support	100/1000 Mbps SFPs, auto-media detection
Power Supply	AC (default), optional DC PSU	PoE Power Budget	Up to 250W with PoE PSU

Parameter	Specification	Parameter	Specification
Max System Power	530W (with PoE)	Hot-Swap PSU	Not supported
Cooling	Integrated fan system, smart speed control	Operating Temp	0-40 °C (32-104 °F), up to 10,000 ft
Humidity (Operating)	10%-90% non-condensing	Altitude	-500 to 10,000 ft operating
Dimensions (H x W x D)	1.75 x 17.25 x 17.5 in (44 x 438 x 445 mm)	Weight	Approx. 12.25 lb (5.6 kg)
Rack Mount	1RU, 19-inch EIA/23-inch optional	Compliance	IEC/EN/UL 60950-1 & EN 62368-1, EMC CISPR22/24 Class A

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.

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

- WhatsApp: [+8617181189993](tel:+8617181189993)
- Wechat: [layer23-switch](https://www.wechat.com/qrcode/index?qr=layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
- Email: sales@layer23-switch.com

Need Price and Availability for ISR4331/K9?

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

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