

CISCO ISR 4000 ROUTERS

ISR4331/K9

3x1G Ports (2 RJ45, 2 SFP) · 2 NIM + 1 SM-X Slots · ISR 4331 Branch Router

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	ISR4331/K9
Category	Cisco ISR 4000 Routers
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



Scan for price and stock

200+

Countries Served

18,000+

Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty



CISCO ISR 4000 ROUTERS

ISR4331/K9

3x1G Ports (2 RJ45, 2 SFP) · 2 NIM + 1 SM-X Slots · ISR 4331 Branch Router

The ISR4331/K9 is a Cisco ISR 4331 integrated services router from the Cisco 4000 Family for branch offices that combine WAN routing, voice and a service module in a 1RU chassis. The router has three onboard Gigabit Ethernet ports, two NIM slots, one SM-X slot, an ISC voice DSP slot and 4 GB of DRAM, with 100 Mbps of aggregate throughput by default or 300 Mbps under a performance license.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	ISR4331/K9	Rack height	1RU
Total onboard WAN or LAN 10/100/1000 ports	3	RJ-45-based ports	2
SFP-based ports	2	Total onboard WAN or LAN 10Gbps ports	0
Dual-mode port behavior	An SFP port shares the physical port of the same-numbered RJ-45 port; one medium at a time	RJ-45 port standards	10BASE-T, 100BASE-TX, 1000BASE-T
SFP port modules	1000BASE-LX/LH, SX, ZX, CWDM and 100 Mbps SFP modules	Management port	1 dedicated Gigabit Ethernet port
NIM slots	2, with a removable slot divider for a double-wide NIM	Enhanced service-module slots	1
Double-wide service-module slots	0	Onboard ISC slot	1, for PVD4 voice DSP modules
OIR (all I/O modules)	Yes	Aggregate throughput (default)	100 Mbps
Aggregate throughput (performance license)	300 Mbps with FL-4330-PERF-K9	Default memory DRAM	4 GB
Maximum memory DRAM	16 GB	Flash	4 GB
Maximum flash memory	16 GB	External USB 2.0 slots (type A)	1
USB console port (type B mini)	1	Serial console port (RJ-45)	1
Serial auxiliary port (RJ-45)	1	Power-supply options	Internal AC and PoE
Default power supply model	PWR-4330-AC, internal AC	Default PoE budget	None; the default AC supply carries no PoE
Redundant power supply	Not available	AC input voltage	100 to 240 VAC autoranging
AC input frequency	47 to 63 Hz	AC input current range	3 to 1.3 A

Typical power (no modules)	42W	Maximum power with AC power supply	250W
Maximum power with PoE power supply (platform only)	530W	Maximum endpoint PoE power from PoE power supply	250W
PoE standards from the PoE power supply	802.3af PoE and 802.3at PoE+ to integrated switch modules	Dimensions (H x W x D)	1.75 x 17.25 x 17.25 in (44.45 x 438.15 x 438.15 mm)
Rack-mount 19 in. EIA	Included	Rack-mount 23 in. EIA	Optional
Wall-mount	Supported	Weight with AC PS (no modules)	6.2 kg (13.5 lb)
Weight with AC PS with PoE	6.4 kg (14.1 lb)	Typical weight (fully loaded with modules)	7.3 kg (16.1 lb)
Airflow	I/O side to bezel side	MTBF	587,250 hours
Operating temperature	0°C to 40°C (32°F to 104°F)	Storage temperature	-40°C to 70°C (-40°F to 158°F)
Relative humidity	5% to 85% operating; 5% to 95% nonoperating	Operating altitude	0 to 3,050 m (10,000 ft); 0 to 2,000 m (6,560 ft) in China
Sound pressure (typical/maximum)	52.8/74.8 dBA	Sound power (typical/maximum)	61.2/81.6 dBA
Safety certifications	UL 60950-1, CAN/CSA C22.2 No. 60950-1, EN 60950-1, AS/NZS 60950-1, IEC 60950-1	EMC certifications	ICES-003 Class A, EN55032 Class A, CISPR32 Class A, AS/NZS CISPR 32 Class A, VCCI V-3, CNS 13438, EN 300-386, EN 55024, CISPR 24
Software image	universalk9; autonomous and Catalyst SD-WAN controller mode from Cisco IOS XE 17.2.1	Technology packages	IP Base by default; Security, Unified Communications and Application Experience by license
Crypto limits without HSEC	1,000 secure tunnels and 250 Mbps of crypto bandwidth		

Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	NIM-4FXO	4-Port FXO Voice - Analog NIM - Cisco 4000 ISR
Network Module	NIM-2FXS	2-Port FXS Voice - Analog NIM - Cisco 4000 ISR
Network Module	NIM-2T	2-Port Serial WAN - Smart Serial NIM - 8 Mbps
Network Module	NIM-4T	4-Port Serial WAN - Smart Serial NIM - 8 Mbps
Network Module	PVDM4-32	32-Channel Voice DSP - Motherboard or T1/E1 NIM Slot
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	GLC-EX-SMD	1000BASE-EX SFP - 40km SMF - DOM
Optics	GLC-ZX-SMD	1000BASE-ZX SFP - 70km SMF - EXT DOM

Get Price and Availability for ISR4331/K9

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

[Request a Quote](#)

[View Product Page](#)



Email sales@layer23-switch.com WhatsApp [+86 171 8118 9993](https://wa.me/8617181189993) WeChat [layer23-switch](https://www.whatsapp.com/channel/00299a68800000000000000000000000) Telegram [@layer23_switch](https://t.me/layer23_switch)

Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.

LAYER23-SWITCH