

CISCO ISR 4000 ROUTERS

ISR4221/K9

2x1G RJ45 (1 SFP Shared) · 2 NIM Slots · ISR 4221 Branch Router

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



Product Model	ISR4221/K9
Category	Cisco ISR 4000 Routers
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The ISR4221/K9 is a Cisco 4000 Family Integrated Services Router, the ISR 4221, for small branch offices on modest WAN circuits. The router has two onboard Gigabit Ethernet ports, one of which can run as SFP, two NIM slots, 4 GB of fixed DRAM, 8 GB of fixed flash and 35 Mbps of aggregate throughput that a performance license raises to 75 Mbps.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	ISR4221/K9	Rack height	1RU
Total onboard WAN or LAN 10/100/1000 ports	2	RJ-45-based ports	2
SFP-based ports	1, sharing a physical port with the same-numbered RJ-45 port	Total onboard WAN or LAN 10Gbps ports	0
RJ-45 port standards	10BASE-T, 100BASE-TX, 1000BASE-T	SFP port modules	1000BASE-LX/LH, SX, ZX, CWDM and 100 Mbps SFP modules
Dedicated management port	Not supported	NIM slots	2
NIM connection to route processor	One 1 Gbps link per slot	Enhanced service-module slots	0
Doublewide service-module slots	0	OIR (all I/O modules)	No
Aggregate throughput (default)	35 Mbps	Aggregate throughput (performance license)	75 Mbps with FL-4220-PERF-K9
Aggregate CEF-only throughput (boost license)	1.2 Gbps with FL-4220-BOOST-K9	Default memory DRAM	4 GB
Maximum memory DRAM	4 GB (fixed)	Flash	8 GB
Maximum flash memory	8 GB (fixed)	External USB 2.0 slots (type A)	1
USB console port	0	RJ-45 CON/AUX combo port	1, shared between console and auxiliary use
Power-supply options	External AC only (PWR-4220-AC)	Redundant power supply	Not available
Default PoE budget	None; no PoE support	Front-panel PoE+ on onboard ports	No PoE+ on either onboard port
AC input voltage	100 to 240 VAC autoranging	AC input frequency	47 to 63 Hz
AC input current range	1.5 to 0.6 A	Maximum power with AC power supply	90W
Typical power (no modules)	24W	External power supply dimensions	37 x 73 x 152 mm or 36.5 x 67 x 155 mm, depending on supply manufacturer

Dimensions (H x W x D)	1.72 x 12.7 x 10 in (43.7 x 322.6 x 254 mm)	Rack-mount 19 in. EIA	Optional
Wall-mount	Yes	Weight with AC PS (no modules)	3.22 kg (7.1 lb)
Typical weight (fully loaded with modules)	3.68 kg (8.11 lb)	Airflow	I/O side to bezel side
MTBF	593,270 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)	28.5/53 dBA
Sound power (typical/maximum)	41/68 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 and Application Experience (AppX) by license	Unified communications	Not supported, including UC-based NIMs
WAAS	AppNav with an external WAAS device		

Get Price and Availability for ISR4221/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.

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