

CISCO · CATALYST IE9300 RUGGED SWITCHES

IE-9320-22S2C4X-E

22x GE SFP + 2x Combo · 4x 1/10G SFP+ · GNSS/IRIG-B, Coated, Network Essentials

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



Product Model	IE-9320-22S2C4X-E
Category	Catalyst IE9300 Rugged Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Warranty



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The IE-9320-22S2C4X-E is a Cisco Catalyst IE9300 Rugged Series stackable industrial Ethernet switch with conformal coating for substations and coastal sites that need satellite time at the Essentials tier. The switch has 22 100/1000M SFP downlinks, two dual-media downlinks and four 1/10G SFP+ uplinks, with 95.23 Mpps of forwarding rate and an operating range of -40°C to 75°C in a blower-equipped cabinet.

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

Specifications

Product ID	IE-9320-22S2C4X-E	Network license	Network Essentials; perpetual in-place upgrade via IE9300-NW-A=
Downlink ports	22x 100/1000M SFP + 2x dual-media (SFP or 10/100/1000M RJ45)	Uplink ports	4x 1/10G SFP+
Timing interfaces	GNSS/GPS external time source; IRIG-B in/out, formats B002/003/006/007/122/123/126/127 (exclusive to 22S2C4X models, active at Essentials)	PTP timing	IEEE 1588 PTPv2 Default and Power Profile (2011/2017); IEC 61850-9-3 PUP; NTP-PTP interworking; PTP over PRP
Stacking	Cisco StackWise, 2 stack ports, up to 4 members; MRP over Stacking	Performance	95.23 Mpps; 64 Gbps forwarding, 128 Gbps switching bandwidth
Scale (IOS XE 17.17.1+)	24,000 MAC; 7,000 IPv4 indirect + 8,192 connected routes; 3,500 IPv6 indirect; 1,024 active VLANs; 1,536 ACL entries	Memory	4 GB DRAM; 8 GB flash (~2.5 GB user); optional 16 GB SD card
Essentials features	Static routing, OSPF (1,000 routes), OSPFv3, RIP, PBR; REP/REP Fast, MRP/Fast MRP, PTP over MRP, HSR, PRP, PTP over PRP; PROFINET, CIP, GOOSE/SCADA classification, L2 NAT, Modbus TCP, ERSPAN, IOx; 802.1X, DAI, DHCP snooping, IPv6 FHS, FNF, MACsec-128, TLS 1.3	Advantage upgrade adds	BGP, EIGRP, IS-IS, HSRP, LISP, BGP-EVPN over VXLAN, VRF-lite, TrustSec (SGACL, over PRP), MACsec-256, L3 NAT, multicast routing suite, SD-Access fabric roles, GRE, IP SLA
Board protection	Conformal coating; salt-mist IEC 60068-2-52 and mixed-gas 2-60 corrosion tested (exclusive to 22S2C4X)	Management	WebUI, Cisco Catalyst Center, SNMP, NETCONF/RESTCONF/YANG, EEM, PnP, Day-0 ZTP
Power modules	2x field-replaceable slots, isolated outputs: PWR-RGD-LOW-DC-H (150W, 18-75V DC), PWR-RGD-AC-DC-H (150W), -250 (250W), -400 (400W)	Power consumption	73W (indicative)
Alarms / console	4 dry-contact alarm in, 1 Form-C alarm out; RS-232 RJ-45 + Micro USB console; optional USB 2.0 and SD card	Operating temperature	-40°C to +75°C forced-air cabinet; +70°C vented; +60°C sealed (safety approval to 60°C)
Altitude / humidity	15,000 ft without derating, to 40,000 ft derated to 25°C; 5-95% non-condensing; storage -40°C to +85°C	Dimensions / weight	1.72 x 17.5 x 14.0 in; 5.76 kg (12.7 lb); 1RU, fanless, IP30

MTBF	323,733 hours	Compliance	IEC 61850-3, IEEE 1613, NEMA TS2:2021, EN 50121-4, AREMA 2019, IEC 62443-4-1/-4-2, hazloc Class I Div 2 / Zone 2
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Optional Add-ons

Add-on	Cisco PID	Purpose
Power Supply / Fan	PWR-RGD-AC-DC-H	150W AC/DC PSU - Cisco IE4010/IE5000/IE9300/IR8340
Power Supply / Fan	PWR-RGD-LOW-DC-H	150W Low DC Power Supply - Hazardous Locations - PoE/PoE+
Optics	SFP-10G-SR	10GBASE-SR SFP+ - 850nm MMF - 400m OM4
Optics	SFP-10G-SR-X	10GBASE-SR SFP+ - Extended Temp - 400m OM4 MMF
Optics	SFP-10G-LR	10GBASE-LR SFP+ - 1310nm SMF - 10km Reach
Optics	SFP-10G-LR-X	10GBASE-LR SFP+ - Extended Temp - 10km SMF
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

**Get Price and Availability for
IE-9320-22S2C4X-E**

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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