



IE-9320-26S2C-A DataSheet

Discover the Cisco Catalyst IE-9320-26S2C-A rugged switch: 28 Gigabit ports, Network Advantage license, stacking, and fanless design for industrial automation.

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IE-9320-26S2C-A Description

The IE-9320-26S2C-A rugged industrial Ethernet switch (also known as the Cisco Catalyst IE9300 GE Fiber switch) delivers a high-performance, resilient network foundation for software-defined automation and Industrial AI applications. Purpose-built for harsh environments (−40 °C to 75 °C), this compact 1 RU switch combines 28 gigabit interfaces with full Layer 2/3 services, advanced industrial protocol support, and zero-touch stack replacement.

Product Highlights

Uplink Ports
Forwarding rate
Switching Bandwidth

Quick Specs

Parameter	Value
Total Ports	28
Downlinks	22×100/1000M SFP + 2×Dual-Media (100/1000M SFP or 10/100/1000M RJ-45)

Uplinks	4×100/1000M SFP
Default License	Network Advantage
StackWise® Ports	2 (up to 4-switch stack)
Switching Capacity	56 Gbps (full-duplex)
Forwarding Rate	41.66 Mpps
Operating Temp.	-40 °C to 75 °C

Key Features

Industrial-Grade Ruggedness

Fanless, convection-cooled 1 RU design rated for -40 °C to 75 °C with IEC-tested shock/vibration immunity.

High-Density Connectivity

22 SFP + 2 dual-media downlinks and 4 SFP uplinks for versatile fiber/copper deployment.

Stacking Flexibility

Two StackWise® ports enable up to four switches in a single logical stack for simplified management.

Line-Rate Performance

56 Gbps switching capacity and 41.66 Mpps forwarding at wire-speed, low-latency forwarding.

Advanced Software

Cisco IOS XE with Network Advantage license supports full Layer 3 routing, Secure Boot, TrustSec, and Flexible NetFlow.

Resilient Power & Protocols

Dual AC/DC inputs, REP, PRP, MRP, HSR, EtherChannel, PROFINET, and EtherNet/IP for carrier-class uptime.

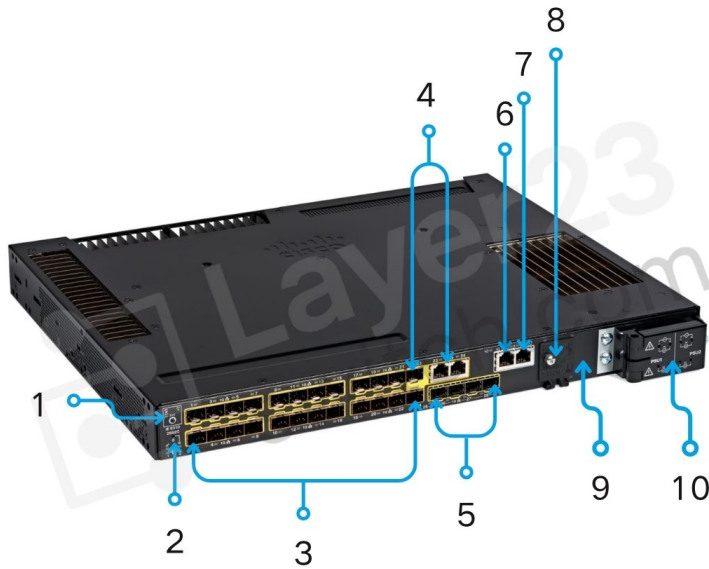
Rugged Industrial Ethernet Switch Product Comparison

Parameter	IE-9320-26S2C-A	IE-9320-26S2C-E	IE-9320-22S2C4X-A
Total Ports	28	28	28
Downlinks	22×1 Gb SFP + 2×Dual-Media	22×1 Gb SFP + 2×Dual-Media	22×1 Gb SFP + 2×Dual-Media
Uplinks	4×1 Gb SFP	4×1 Gb SFP	4×10 Gb SFP+
Default License	Network Advantage	Network Essentials	Network Advantage
StackWise® Support	Yes (2 ports)	Yes (2 ports)	Yes (2 ports)
Switching Capacity	56 Gbps	56 Gbps	128 Gbps
Forwarding Rate	41.66 Mpps	41.66 Mpps	95.23 Mpps
Power Consumption	64 W (with 85–264 VAC)	64 W	73 W
DRAM	4 GB	4 GB	4 GB
Flash (User-Accessible)	2.5 GB	2.5 GB	2.5 GB

IE-9320-26S2C-A Front Panel Overview

The illustrations in this section provide an overview of the variety of components available on the various switch models in this product family. Not all models are illustrated.

1	Display mode button	6	Alarms
2	Express Setup button	7	RJ-45 console port
3	Ethernet SFP downlinks	8	(Beneath cover) Micro-USB console port, USB-A host port, and SD slot
4	Dual-media downlink ports	9	Stacking interface (IE9320 switches only)
5	Ethernet SFP uplinks	10	AC/DC power input



Specification

Parameter	Value	Parameter	Value
Model Number	IE-9320-26S2C-A	Total Ports	28
Downlinks	22×100/1000 M SFP + 2×Dual-Media	Uplinks	4×100/1000 M SFP
Default License	Network Advantage	DRAM	4 GB
Flash (user-accessible)	2.5 GB	SD Card Capacity	16 GB
Alarm Inputs	4 dry-contact inputs	Alarm Output	1 Form-C relay output
Console Ports	1×RJ-45 (RS-232), 1×Micro-USB	USB Host Port	USB-A
Power Inputs	Dual AC/DC	Cisco StackWise® Ports	2
Switching Bandwidth	56 Gbps	Forwarding Rate	41.66 Mpps
Queues per Port	8 egress	Unicast MAC Addresses	24 000
IGMP Multicast Groups	1 000	VLAN IDs	4 096

Parameter	Value	Parameter	Value
Active VLANs	1 024	IPv4 Indirect Routes	7 000
IPv4 Direct Routes	8 192	IPv6 Indirect Routes	1 522
STP Instances	128	ACL Entries	1 536 (PACL/VACL/RACL)
Maximum SVIs	984	SXP Sessions	200
GRE Tunnels	10	Stack Members Supported	4
Dimensions (H×W×D)	1.72×17.5×14.0 in	Weight	12.2 lb (5.53 kg)
Mounting	Rack mount	Power Consumption	64 W
Operating Temp.	-40 °C to 75 °C	Storage Temp.	-40 °C to 85 °C
Humidity	5 % to 95 % non-condensing	Altitude	Up to 15 000 ft (no derating); to 40 000 ft (derated)
Shock & Vibration	IEC 60068-2-6/-27/-31/-32/-64	Corrosion	IEC 60068-2-52/-60
Certifications	IEC/ANSI/ISA-62443-4-1; FIPS 140-2; USGv6; Common Criteria; ODVA EtherNet/IP; NEMA TS2:2021	Warranty	Five-year limited hardware

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