

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

IE-3400-8T2S-A

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	IE-3400-8T2S-A
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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IE-3400-8T2S-A Datasheet

The Cisco IE-3400-8T2S-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the IE-3400-8T2S-A and integrate it into enterprise or service provider networks with confidence.

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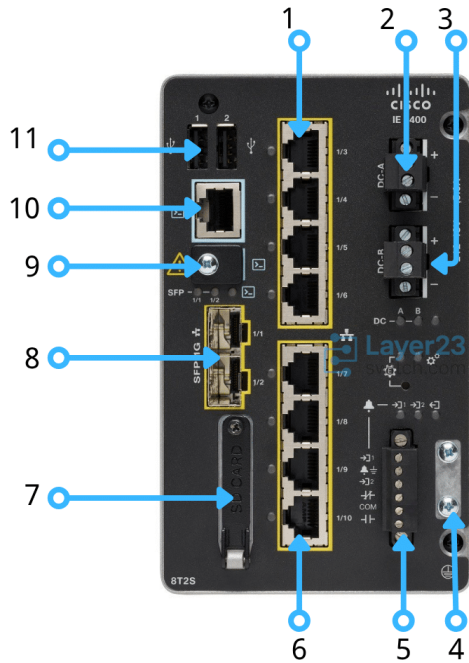


Key Features

IE3400 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	10/100/1000 Copper Ethernet ports (downlink ports)	7	Flash memory card slot
2	Power connector DC-B	8	SFP module slots (uplink ports)
3	Power connector DC-A	9	USB mini-Type B (console) port
4	Protective ground connection	10	RJ-45 console port
5	Alarm connector	11	USB mini-Type A port
6	10/100/1000 Copper Ethernet ports (downlink ports)		



Specification

Parameter	Details	Parameter	Details
Product SKU	IE-3400-8T2S-A	Product Description	Catalyst IE3400 with 8 GE Copper and 2 GE SFP, Adv. Modular, Network Advantage
Product Series	Cisco Catalyst IE3400 Rugged Series	Switch Type	Rugged Industrial Ethernet Switch
Default License	Network Advantage	Software Feature Set	Network Advantage includes Network Essentials features
Total Base Ports	10	RJ45 Copper Ports	8 × 10/100/1000
SFP Uplink Ports	2 × 100/1000 SFP	PoE / PoE+ Budget	Not applicable
Maximum GE Ports	Up to 26 with expansion module	Expansion Module Support	IE3400 and IE3300 expansion modules
Forwarding Rate	Line rate for all ports and all packet sizes	Number of Queues	8
Unicast MAC Addresses	16K	IGMP Multicast Groups	1K

Parameter	Details	Parameter	Details
VLANs	256	STP Instances	128
IPv4 Indirect Routes	3000	IPv6 Indirect Routes	512
Access Control Entries	3K PACL / VAACL / RAACL	DRAM	4 GB
Flash	1.5 GB user accessible	SD Card Capacity	4 GB / 16 GB optional
Jumbo Frames	8996 bytes	Removable Storage	USB and SD card optional
Alarm I/O	2 alarm inputs, 1 alarm output	Console Ports	1 RS-232 via RJ-45, 1 USB Mini Type B
Power Inputs	Dual DC power input	Input Voltage Range	9.6 to 60 VDC
Input Current	6.3A	Power Consumption	36W
Mounting	DIN rail	Dimensions	6.0 × 3.6 × 5.3 in. / 15.2 × 9.1 × 13.5 cm
Weight	3.8 lb / 1.7 kg	Cooling	Fanless, convection-cooled
Operating Temperature	-40°C to +70°C in 40 LFM vented enclosure; -40°C to +60°C in sealed enclosure; -40°C to +75°C with minimum 200 LFM fan or blower-equipped enclosure	Type-Tested Temperature	+85°C for 16 hours
Operating Altitude	Up to 15,000 ft	Storage Temperature	-40°C to +85°C
Storage Altitude	15,000 ft	Relative Humidity	5% to 95%, non-condensing
Rated MTBF	549,808 hours	Warranty	Five-year limited hardware warranty
Layer 2 Features	802.1Q, 802.1w, 802.1AB, 802.1s, 802.3ad, NTP, UDLD, CDP, LLDP, PAgP, LACP, VTPv2, VTPv3, EtherChannel, Q-in-Q, Voice VLAN, PVST+, MSTP, RSTP	Layer 3 Features	Inter-VLAN routing, static routing, OSPF, BGP, ISIS, RIP, EIGRP, PBR, VRRP, HSRP, BFD Echo Mode for OSPFv3
Network Advantage Features	VRF-Lite, VRF-Aware SGT, MACsec-256, SGT/SGACL, Cisco TrustSec, PIM-SM, PIM-DM, MSDP, multicast routing BSR, Auto-RP, Embedded RP	Industrial Ethernet Features	MRP, DLR, REP, PROFINET MRP, EtherNet/IP, PRP, HSR, IEC 61850 GOOSE, PTP, TSN

Parameter	Details	Parameter	Details
PRP Support	Available on select base switch ports Gig1/1 – Gig1/4; single PRP instance supported	IOx Support	Container, Cyber Vision, Secure Equipment Access
Management	WebUI, SNMP, syslog, DHCP server, SPAN, RSPAN, FSPAN, FRSPAN, Express Setup, Catalyst Center support	Security	Port security, 802.1x, DHCP snooping, Dynamic ARP Inspection, IP Source Guard, MAB, storm control, SCP, SSH, SNMPv3, TACACS+, RADIUS, FNF, MACsec-128, FIPS 140-2
IEEE Standards	IEEE 802.1D, 802.1p, 802.1q, 802.1s, 802.1w, 802.1x, 802.1AB, 802.3ad, IEEE 1588v2, 802.3ah, 802.3x, 802.3, 802.3u, 802.3ab, 802.3z	Industrial Cybersecurity Standards	IEC 62443-4-1, IEC 62443-4-2
EMI / EMC Emissions	FCC 47 CFR Part 15 Subpart B Class A, EN 55032 / CISPR 32 Class A, VCCI Class A, AS/NZS CISPR 32 Class A, CISPR 11 Class A, ICES 003 Class A, CNS 13438 Class A, KN 32 Class A, EN 300 386	EMC Immunity	CISPR 24 / CISPR 35, EN55024 / EN55035, KN 35, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-10, EN 61000-4-16, EN 61000-4-17, EN 61000-4-18, EN 61000-4-29
Industrial Standards	EN 61000-6-2, EN 61000-6-4, EN 61000-6-1, EN 61326-1, EN61131-2, IEEE 1613, EN/IEC 61850-3, ODVA Industrial EtherNet/IP, NEMA TS 2-2016, AREMA C & S section 11 and 19, IP30	Safety Certifications	UL/CSA 60950-1, IEC 60950-1 CB, UL/CSA 62368-1, IEC 62368-1 CB, UL/CSA 61010-2-201, IEC/EN 61010-2-201
Hazardous Location Certifications	UL121201 Class I Div 2 Groups A-D, CSA 213 Class I Div 2 Groups A-D, UL/CSA 60079-0/-15 Class I Zone 2 Gc/IIC, IEC 60079-0/-15 IECEx, EN 60079-0/-15 ATEX with cabinet enclosure required	Marine / Railway Standards	DNV certification, IEC 60945, IACS UR E10, Marine DNV GL, EN50125-1, EN50125-3, EN50121-4, EN50121-3-2 / EN50155
Shock	IEC 60068-2-27 operational shock 50G 3ms half sine; non-operational shock 65-80G 9ms trapezoidal	Vibration	IEC 60068-2-6, 5Hz-150Hz sinusoidal
Corrosion	IEC 60068-2-52 salt fog; IEC 60068-2-60 flowing mixed gas	Catalyst Center Licensing	Catalyst Center licenses are optional add-ons; Catalyst Center Advantage requires Network Advantage on the switch

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- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [layer23-switch](#)
- Telegram: [layer23_switch](#)
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