

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

IE-3300-8U2X-E

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	IE-3300-8U2X-E
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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IE-3300-8U2X-E Datasheet

The Cisco IE-3300-8U2X-E datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the IE-3300-8U2X-E and integrate it into enterprise or service provider networks with confidence.

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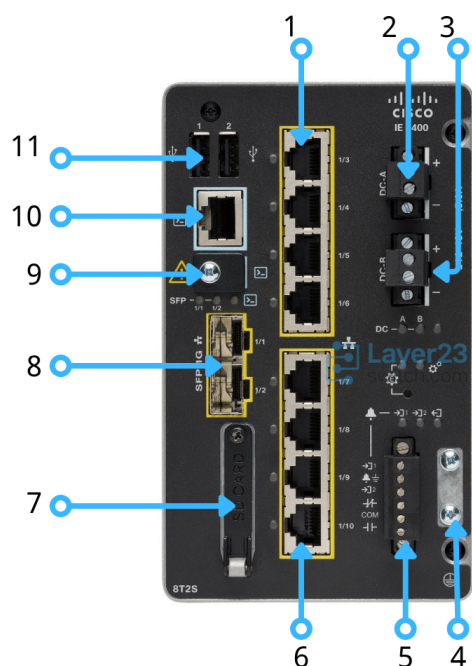


Key Features

IE-3300-8U2X-E 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	Specification (IE-3300-8U2X-E)
Model Number	IE-3300-8U2X-E
Switching Capacity	56 Gbps full-duplex
Forwarding Rate	41.7 Mpps (line-rate, all ports)
UPOE Ports	8 × 1 GbE/2.5 GbE RJ45 supporting IEEE 802.3bt Type 3 (up to 60 W/port)
Uplink Ports	2 × 10 GbE SFP+
Total PoE Budget	480 W (must consider power supply wattage when selecting) ¹
DRAM	4 GB
Flash (User-Accessible)	1.5 GB
SD Card Slot	Supports 4 GB or 16 GB (optional)
CPU / ASIC	Broadcom StrataDNX-based, Cisco IOS XE
MAC Addresses	16,000
IPv4 Indirect Routes	3000 (Network Essentials: static only; dynamic requires downgrade) ²

Parameter	Specification (IE-3300-8U2X-E)
IPv6 Indirect Routes	512 (Network Essentials: static only; dynamic requires downgrade) ²
MACsec	IEEE 802.1AE MACsec-128 on uplink ports
SGT / SGACL	Not supported in Network Essentials
VLANs	256
STP Instances	128
Access Control Entries (ACL)	3000 (PACL/VACL/RACL, basic Layer 2 and Layer 3 ACLs)
Redundancy Protocols	REP, MRP, PRP, DLR
Precision Time Protocol	IEEE 1588v2 Default Profile on mGig ports
SD-Access Support	Fabric edge, 32 virtual networks (control via Cisco DNA Center only)
Management Interfaces	WebUI, SNMPv3, NETCONF, RESTCONF, CLI (Console RJ-45, Micro USB)
Input Voltage Range	9.6-60 V DC (dual, redundant inputs)
Max Input Current	10.5 A (at 12 V DC)
Power Consumption	42 W (base system)
Alarms	2 dry-contact inputs, 1 dry-contact relay output
Console Ports	1 × RS-232 (RJ-45), 1 × USB Mini Type B
Dimensions (HxWxD)	6 × 4.4 × 5.3 in. (15.2 × 11.2 × 13.5 cm)
Weight (incl. bracket)	4.5 lb (2.0 kg)
Operating Temperature	-40 °C to +75 °C (with ≥ 200 LFPM airflow) ³
Storage Temperature	-40 °C to +85 °C
Certifications	IEC 62443-4-1/4-2, IEC 61850-3, IEEE 1613, EN 50121-4, EN 50155, UL/CSA 60950, ATEX, IECEx
MTBF	436,034 hours (Telcordia Issue 3) ⁴

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