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## VERIFIED PRODUCT DATASHEET

**IE-3300-8T2S-E**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>IE-3300-8T2S-E</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

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## IE-3300-8T2S-E Datasheet



The Cisco IE-3300-8T2S-E datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the IE-3300-8T2S-E and integrate it into enterprise or service provider networks with confidence.

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### Key Features

## Modular Scalability

Features a modular design that allows for port expansion. Connect supported IEM-3300 expansion modules to scale from the base 10 ports up to 26 ports without replacing the base unit.

## Extreme Ruggedization

Built for harsh industrial environments with a fanless, convection-cooled design. Certified to operate in temperatures from -40°C to +75°C and hardened against extreme vibration, shock, and electrical surges.

## Cisco IOS XE for OT

Runs on the open and secure Cisco IOS XE operating system. Provides enterprise-grade security (Secure Boot, Trust Anchor) and modern programmability (NETCONF, RESTCONF) for industrial networks.

## High Availability Design

Supports dual redundant DC power inputs to ensure continuous operation. Features Resilient Ethernet Protocol (REP) and PROFINET MRP for fast convergence and ring redundancy in industrial topologies.

## Full Gigabit Performance

Delivers line-rate Gigabit speeds on all downlink and uplink ports. Ensures high-bandwidth connectivity for data-intensive industrial

applications like video surveillance and high-speed automation control.

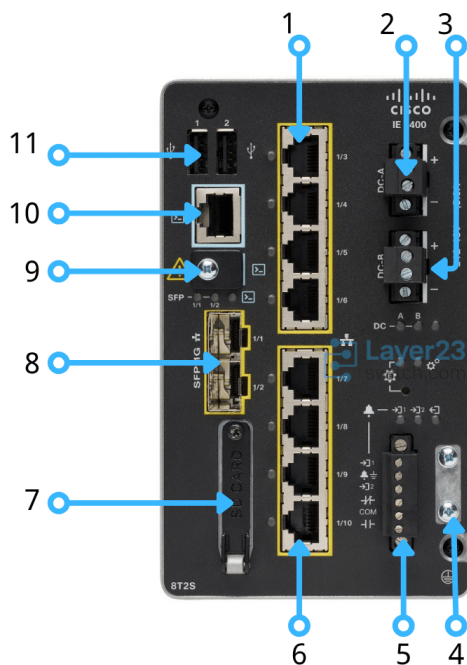
## Edge Compute Ready

Capable of running Cisco IOx applications for edge computing. Allows users to deploy secure, containerized applications directly on the switch for local data processing and IoT insights.

### IE-3300-8T2S-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	Details	Parameter	Details
Dimensions (H x W x D)	15.2 x 9.1 x 13.5 cm (6 x 3.6 x 5.3 in)	Weight	1.7 kg (3.8 lbs)
Housing	Die-cast aluminum, Fanless	Mounting	DIN Rail
Total Ports	10 (8x RJ45 + 2x SFP)	Max Ports (with Module)	26
Copper Ports	8x 10/100/1000 Base-T	Fiber Ports	2x 100/1000 SFP
PoE Capability	No	Power Budget	N/A
Input Voltage	9.6 to 60 VDC (Dual Inputs)	Power Consumption	23W
Operating Temp (Vented)	-40°C to +70°C	Operating Temp (Sealed)	-40°C to +60°C
Storage Temperature	-40°C to +85°C	Relative Humidity	5% to 95% non-condensing
MTBF	633,420 hours	Forwarding Rate	Line rate
MAC Addresses	16,000	VLAN IDs	256
DRAM	4 GB	Flash Memory	1.5 GB
Removable Storage	USB 2.0, SD Card (Optional)	Alarms	2 In, 1 Out
Ingress Protection	IP30	Safety Compliance	UL/CSA 61010-2-201, EN 61010-2-201
Shock & Vibration	IEC 60068-2-27, IEC 60068-2-6	Electromagnetic Immunity	EN 61000-4 Series, EN 61000-6-2

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