

CISCO · CATALYST IE3300 RUGGED SWITCHES

IE-3300-8T2X-E

8x1G Copper Ports · 2x10G SFP+ Uplinks · Network Essentials

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



Product Model	IE-3300-8T2X-E
Category	Catalyst IE3300 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-3300-8T2X-E is a Cisco Catalyst IE3300 Rugged Series industrial switch for DIN-rail cabinets that need 10G uplinks to the plant backbone. The switch runs Network Essentials on eight Gigabit copper ports without PoE, adds two 1G/10G SFP+ uplinks and takes dual DC inputs from 9.6 to 60VDC, and it operates from -40°C to +70°C in a vented enclosure.

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

Specifications

Product ID	IE-3300-8T2X-E	Network license	Network Essentials, perpetual; in-place upgrade via IE3300-NW-A=
Downlink ports	8x 10/100/1000M RJ45	Uplink ports	2x 1G/10G SFP+
Expansion	1x IEM-3300 bay; up to 24 GE + 2x10G system ports	Forwarding	Line rate, all ports and packet sizes; 8 egress queues
MAC / routes	16K MAC; 3000 IPv4 + 512 IPv6 indirect routes (route scale requires Network Advantage)	VLANs / ACL	256 VLANs; 128 STP instances; 3K ACL entries
Memory	4 GB DRAM; 1.5 GB user flash; optional 4/16 GB SD	Jumbo frames	8996 bytes
Essentials features	L2 switching, REP/Fast REP/REP ZTP, MRP, PROFINET, CIP, IGMP snooping, QoS, static and inter-VLAN routing, L2NAT (not on 10G uplink ports), MACsec-128, FIPS 140-2, IOx (Cyber Vision, Secure Equipment Access)	Advantage adds (via upgrade)	OSPF/BGP/RIP/ISIS/EIGRP, PBR, VRRP/HSRP, BFD, VRF-lite, MACsec-256, PIM multicast routing
PTP timing	IEEE 1588 PTPv2, Default Profile only on this 10G base	Management	WebUI, Cisco Catalyst Center, SNMP/NETCONF/RESTCONF/YANG, Full Flexible NetFlow
Input power	Dual redundant DC, 9.6-60VDC; 4.5A max	Power consumption	28W
Compatible DIN rail supplies	External units ordered separately: PWR-IE50W-AC=, PWR-IE50W-AC-IEC= (non-PoE class)	Alarms / console	2 alarm in, 1 alarm out; RS-232 RJ-45 + USB Mini-B console; optional USB storage
Operating temperature	-40°C to +70°C vented; +60°C sealed; +75°C at 200 LFM; +85°C type-tested 16 h	Altitude / humidity	To 15,000 ft; 5-95% non-condensing; storage -40°C to +85°C
Dimensions (H x W x D)	6 x 3.8 x 5.3 in (15.2 x 9.7 x 13.5 cm)	Weight / MTBF	3.6 lbs (1.6 kg); 463,629 hours (predicted)
Supported uplink optics	1G SFP plus 10G SFP+ (SR/LR/ER/ZR, -X and -I grades, BX bidirectional, twinax, CWDM/DWDM); COM/EXT grades derate temperature; SFP-10G-ZR-I= derates the switch 6°C	Industrial compliance	IEC 62443-4-1/-4-2, IEEE 1613, EN/IEC 61850-3, ODVA CIP, NEMA TS 2-2016, AREMA C&S 11/19, DNV Marine, EN50121/EN50155, IP30; corrosion approvals pending on 10G variants

Safety / hazloc	UL/CSA 60950-1, 62368-1, 61010-2-201; UL121201/CSA 213 Class I Div 2 A-D; Class I Zone 2 ATEX/IECEEx (cabinet required)		
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Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	IEM-3300-8T	8x1G Copper Ports - IE3300 Expansion Module - Non-PoE
Network Module	IEM-3300-8S	8x1G SFP Ports - IE3300 Expansion Module
Power Supply / Fan	PWR-IE50W-AC	50W AC/DC PSU - 24VDC Output - DIN-Rail
Power Supply / Fan	PWR-IE50W-AC-L	50W AC PSU - 24VDC Output - DIN-Rail
Power Supply / Fan	PWR-IE50W-AC-IEC	50W AC PSU - IEC C14 Input - 24VDC Output
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	SFP-10G-ER	10GBASE-ER SFP+ - 1550nm SMF - 40km Reach
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

Get Price and Availability for IE-3300-8T2X-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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Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

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