

CISCO · CATALYST 1300 SWITCHES

C1300-16P-4X

16x1G PoE+ Ports · 4x10G SFP+ Uplinks · 120W PoE Budget

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



Product Model	C1300-16P-4X
Category	Catalyst 1300 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 C1300-16P-4X is a Cisco Catalyst 1300 Series managed Layer 3 PoE+ switch for small offices and branch cabinets that need 10G uplinks from a 16-port access switch. Sixteen Gigabit PoE+ ports draw on a 120W PoE budget, while four 10G SFP+ uplinks and 112 Gbps of nonblocking switching sit in a fanless chassis.

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

Specifications

Product ID	C1300-16P-4X	Product type	Managed Layer 3 Gigabit Ethernet PoE+ switch with 10G uplinks
Total ports	16 x Gigabit Ethernet + 4 x 10G	RJ-45 ports	16 x 10/100/1000 PoE+
Uplink ports	4 x 10G SFP+	Console port	Cisco standard RJ-45 console port and USB Type C port
USB port	USB Type C, for file and image management and console access	LEDs	System, Link/Act, PoE, Speed
Default PoE budget	120W	Number of ports that support PoE	16
Maximum power per PoE+ port	30W	PoE standards	802.3at PoE+, 802.3af, Cisco pre-standard PoE
PoE features	Time-based PoE, persistent PoE	Switching capacity	112 Gbps, wire speed and nonblocking
Forwarding rate	83.32 Mpps	Packet buffer	1.5 MB, dynamically shared across all ports
VLANs	4,094 (4078 to 4094 reserved for internal use)	Jumbo frames	Up to 9,000 bytes
Spanning tree	MSTP 16 instances; PVST+ and Rapid PVST+ 126 instances	Link aggregation	LACP, up to 8 groups with up to 8 ports each
Port mirroring	Up to 8 source ports to 1 destination port	Layer 3 routing	IPv4 and IPv6 wire-speed routing, static routes, RIP v2, policy-based routing
DHCP	DHCP server, DHCP relay, UDP relay	Voice	Voice VLAN with Voice Services Discovery Protocol, Auto Smartports
VLAN features	Guest VLAN, private VLAN, RADIUS dynamic VLAN	Security	802.1X, web authentication, DHCP snooping, IP Source Guard, Dynamic ARP Inspection, port security, storm control, IPv6 First Hop Security, RADIUS, TACACS+, ACLs, SSH, SSL, BPDU Guard, Root Guard
QoS	8 hardware queues, strict priority and WRR scheduling, 802.1p, DSCP and IP precedence classification, ingress policing, egress shaping	Hardware stacking	C1300 Family 1, up to 8 units managed as one system with a single IP address
Stacking interconnect	SFP+ ports configured as stack ports, 10G links	Stack features	Cross-stack LAG, QoS, VLAN and port mirroring; ring or chain topology; hot swap; active/standby

Operating system	Customized Linux OS	Management	Cisco Business Dashboard, Cisco Business mobile app, Network Plug and Play, web UI, SNMP v1/v2c/v3, CLI
Firmware upgrade	Dual images	CPU	ARM dual-core at 1.5 GHz
DRAM	1 GB DDR4	Flash	1GB SLC
Default power supply	Internal, universal, 100-240V 50-60 Hz	System power consumption	110V=24.7W; 220V=26.8W
Power consumption with PoE	110V=157.6W; 220V=156.3W	Idle power	110V=8.7W; 220V=10.3W
Heat dissipation	537.4 BTU/hr	Fan modules	Fanless
MTBF at 25°C	426,778 hours	Cabling	UTP Cat 5e or better for 1000BASE-T
Dimensions (H x W x D)	268 x 297 x 43.94 mm (10.55 x 11.69 x 1.73 in)	Weight	2.49 kg (5.49 lb)
Mounting	Rack-mountable; 19-in bracket not included	Operating temperature	-5°C to 50°C (23°F to 122°F); cold start minimum 32°F (0°C)
Storage temperature	-25°C to 70°C (-13°F to 158°F)	Operating humidity	10% to 90%, relative, noncondensing
Storage humidity	10% to 90%, relative, noncondensing	Certifications	UL (UL 62368), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3ad, 802.3z, 802.3ae, 802.3an, 802.3x, 802.1D, 802.1Q, 802.1p, 802.1w, 802.1s, 802.1X, 802.3af, 802.3at, 802.1AB, 802.3az	Package contents	Switch, power cord unless NO-POWER-CORD is selected, pointer card

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM

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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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