

CISCO · CATALYST 1300 SWITCHES

C1300X-24P-4X

24x1G PoE+ Ports · 4x10G SFP28 Uplinks · 385W PoE Budget

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

C1300X-24P-4X

Product Model	C1300X-24P-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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The C1300X-24P-4X is a Cisco Catalyst 1300X Series fixed managed Layer 3 PoE+ switch for branch offices and small businesses that power IP phones and wireless access points at the edge. The switch has 24 Gigabit PoE+ ports sharing a 385W PoE budget, four SFP28 uplinks at 10G, 128 Gbps of switching capacity and a 3 MB packet buffer.

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

Specifications

Product ID	C1300X-24P-4X	Product type	Fixed managed Layer 3 Gigabit Ethernet PoE+ switch
Operating software	Customized Linux OS software	Total ports	24 x Gigabit Ethernet + 4 x 10G
10/100/1000 PoE+ ports	24 x 10/100/1000, 30W PoE+ per port	Uplink ports	4 x SFP28 (10G uplink, 25G available for stacking only)
Console port	Cisco standard RJ-45 console port and USB Type C port	USB port	USB Type C port for file and image management as well as console access
Bluetooth access	External Bluetooth dongle in the USB port gives laptops and tablets CLI access through a Telnet or SSH client and GUI access through a browser	Buttons	Reset button
LEDs	System, Link/Act, PoE, Speed	Switching capacity	128 Gbps, wire speed and nonblocking
Forwarding rate	95.23 Mpps (64-byte packets)	Packet buffer	3 MB, aggregate across all ports and dynamically shared
Flash	1 GB SLC	CPU	ARM dual-core at 1.5 GHz
DRAM	2 GB DDR4	MAC addresses	Up to 32,000 entries
VLAN IDs	Up to 4094 VLANs (4078 to 4094 reserved for internal usage)	Spanning tree protocol	MSTP with 16 instances; PVST+ and Rapid PVST+ with 126 instances
Port grouping/link aggregation	LACP with up to 8 groups and up to 8 ports per group	Jumbo frames	Up to 9000 bytes; default MTU is 2000 bytes
IGMP snooping	IGMP v1, v2, and v3 with 4000 multicast groups and source-specific multicasting	MLD snooping	MLD v1 and v2 snooping
Voice VLAN	Voice VLAN with Voice Services Discovery Protocol; Auto Smartports roles from Cisco Discovery Protocol or LLDP-MED	IPv4 routing	Wire-speed routing of IPv4 packets, up to 7,168 IPv4 routes (dynamic and static) and 256 IP interfaces
IPv6 routing	Wire-speed routing of IPv6 packets	Layer 3 routing protocols	RIP v2, OSPF v2 and v3 (C1300X SKUs only), and policy-based routing
DHCP services	DHCP server, DHCP relay at Layer 3, and UDP relay	ACL entries	Up to 3,072 rules, ingress and egress, time-based ACLs supported
Quality of service	8 hardware queues with strict priority and WRR scheduling	Port mirroring	Up to 8 source ports mirrored to one destination port

Hardware stacking	Up to 8 switches in one stack, which manages up to 400 ports as one system; C1300X Family PIDs only	High-speed stack interconnects	SFP28 slots, up to 25G for stacking; ring and chain options
Security	802.1X, web-based authentication, DHCP snooping, IP Source Guard, Dynamic ARP Inspection, port security, storm control, IPv6 First Hop Security	Management	Cisco Business Dashboard embedded probe, Cisco Business mobile app, Network Plug and Play, web UI, SNMP v1/v2c/v3, text view CLI, dual images
Firmware upgrade	Web browser upgrade (HTTP/HTTPS), TFTP, and upgrade over SCP running over SSH; dual images for resilient upgrades	Default PoE budget	385W of power dedicated to PoE across 24 PoE-capable ports
PoE standards	Listed in Cisco's 802.3bt (Type 3) PoE++ and 802.3at PoE+ group; every port is rated 30W PoE+	Time-based PoE	PoE power on or off on a user-defined schedule
Persistent PoE	PoE power stays on while the switch is rebooting	Default power supply	Internal universal supply, 100-240V 50-60 Hz
Power consumption (worst case)	110V=81.3W; 220V=84.6W	Power consumption with PoE (worst case)	110V=487W; 220V=474W
Idle power	110V=13.6W; 220V=16.6W	Heat dissipation	1661.71
Energy efficient Ethernet	IEEE 802.3az on all copper Gigabit Ethernet ports	Fan modules	1
Acoustic noise	25°C: 44.5 dBA	MTBF at 25°C (hours)	368,309
Operating temperature	-5°C to 50°C (23°F to 122°F); minimum ambient temperature for cold start is 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
Dimensions (H x W x D)	444.3 x 270 x 43.94 mm (17.49 x 10.63 x 1.73 in)	Weight	3.96 kg (8.73 lb)
Mounting	Rack-mountable, 19-inch mounting brackets included	Fiber type	UTP Category 5e or better for 1000BASE-T
Certifications	UL (UL 62368), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A	Package contents	Switch, power cord (excluded when NO-POWER-CORD is selected), mounting kit, pointer card

Get Price and Availability for C1300X-24P-4X

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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