

CISCO · CATALYST 1300 SWITCHES

C1300X-48T-4X

48x1G Data Ports · 4x10G SFP28 Uplinks · 176 Gbps OSPF Switch

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

C1300X-48T-4X

Product Model	C1300X-48T-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 C1300X-48T-4X is a Cisco Catalyst 1300X Series fixed managed Layer 3 switch for branch offices and small-business closets that connect data-only endpoints. The switch has 48 10/100/1000 ports, four SFP28 slots that run 10G as uplinks, and 176 Gbps of nonblocking switching capacity in a single-fan chassis rated 21.6 dBA at 25°C.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	C1300X-48T-4X	Product type	Fixed managed Layer 3 Gigabit Ethernet switch
Operating software	Customized Linux OS software	Total ports	48 x Gigabit Ethernet + 4 x 10G
Downlink ports	48 x 10/100/1000	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 and console access
Buttons	Reset button	Switching capacity	176 Gbps, wire speed and nonblocking
Forwarding rate	130.95 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)	VLAN types	Port-based, 802.1Q tag-based, MAC-based, protocol-based, and IP subnet-based VLANs; voice VLAN; guest VLAN, unauthenticated VLAN, Private VLAN, and Private VLAN Edge
IPv4 routing scale	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, and policy-based routing	DHCP services	DHCP server, DHCP relay, and UDP relay
ACL entries	Up to 3,072 rules, ingress and egress, time-based ACLs supported	IGMP snooping	IGMP v1, v2, and v3 with 4,000 multicast groups
MLD snooping	MLD v1 and v2	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
Quality of service	8 hardware queues with strict priority and WRR scheduling	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, RADIUS and TACACS+
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; external Bluetooth dongle in the USB port for CLI and GUI access	Energy efficiency	IEEE 802.3az Energy Efficient Ethernet on all copper Gigabit Ethernet ports
Default PoE budget	None; not a PoE switch (data only)	Default power supply	Internal universal supply, 100-240V 50-60 Hz
Power consumption (worst case)	110V=66.7W; 220V=72.1W	Idle power	110V=18.5W; 220V=20W
Heat dissipation	285.6	Fan modules	1
Acoustic noise	25°C: 21.6 dBA	MTBF at 25°C (hours)	324,549
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	3.6 kg (7.94 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-48T-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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