

CISCO · CATALYST 1300 SWITCHES

C1300-24XTS

12x10G Copper Ports · 12x10G SFP+ Ports · Managed Layer 3 Data Switch

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

C1300-24XTS

Product Model	C1300-24XTS
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 C1300-24XTS is a Cisco Catalyst 1300 Series fixed managed Layer 3 switch for branch and small-business sites that need 10G copper and 10G fiber links on one chassis. The switch has 12 10G copper ports and 12 10G SFP+ ports as separate non-combo ports, with 480 Gbps of nonblocking switching capacity, a 357.12 Mpps forwarding rate and no PoE.

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

Specifications

Product ID	C1300-24XTS	Product type	Fixed managed Layer 3 10 Gigabit Ethernet switch
Operating software	Customized Linux OS software	Total ports	12 x 10G copper + 12 x 10G SFP+ + 1 x GE OOB management
10G copper ports	12 x 10G copper	10G SFP+ ports	12 x 10G SFP+
Combo ports	None; copper and SFP+ ports are separate and can all be active at once	Supported port speeds	10 Gigabit and 1 Gigabit on the copper and SFP+ ports
Management port	1 x GE out-of-band management	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	Bluetooth access	External Bluetooth dongle on the USB port for CLI and GUI access
Buttons	Reset button	Switching capacity	480 Gbps, wire speed and nonblocking
Forwarding rate	357.12 Mpps (64-byte packets)	Packet buffer	8 MB, aggregate across all ports and dynamically shared
Flash	1 GB SLC	CPU	ARM dual-core at 1.5 GHz
DRAM	1 GB DDR4	MAC addresses	Up to 32,000 entries
VLAN IDs	Up to 4094 VLANs (4078 to 4094 reserved for internal usage)	IPv4 routing scale	Up to 7,168 dynamic and static routes and 256 IP interfaces
Layer 3 routing protocols	RIP v2 and policy-based routing; OSPF v2 and v3 only on C1300X SKUs	DHCP services	DHCP server, DHCP relay, and UDP relay at Layer 3
ACL entries	Up to 2,048 rules, ingress and egress, time-based ACLs supported	IGMP snooping	IGMP v1, v2, and v3 with 4000 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	Port mirroring	Up to 8 source ports to 1 destination port
Jumbo frames	Up to 9000 bytes; default MTU is 2000 bytes	Quality of service	8 hardware queues with strict priority and WRR scheduling; 802.1p, DSCP, and IP precedence classification; ingress policing and egress shaping

ISCSI traffic optimization	iSCSI traffic is given priority over other traffic	Hardware stacking	Up to 8 switches in one stack; C1300 Family 2 PIDs only
High-speed stack interconnects	10 Gigabit Ethernet fiber interfaces; ring and chain options	Stack management features	Single IP address, hardware failover, hot swap of units, active/standby control, auto-numbering, LAG across stack units
Security	802.1X authenticator and supplicant, 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 with PnP Connect, web UI over HTTP/HTTPS, SNMP v1/v2c/v3, text view CLI with privilege levels 1, 7, and 15
Firmware upgrade	Dual images; upgrade over SCP, TFTP, or the web UI	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=88.2W; 220V=86.7W
Idle power	110V=22.3W; 220V=22.8W	Heat dissipation	300.76
Fan modules	1	Acoustic noise	25°C: <39 dBA
MTBF at 25°C (hours)	427,188	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 273 x 43.94 mm
Weight	4.2 kg (9.25 lb)	Mounting	Rack-mountable, 19-inch mounting brackets included
Fiber type	Category 6a or better for the 10G copper ports; Category 5e or better for other copper ports	Standards	IEEE 802.3an 10GBASE-T, IEEE 802.3ae 10 Gbps Ethernet over fiber, IEEE 802.3ab 1000BASE-T, IEEE 802.3ad LACP, IEEE 802.3az Energy Efficient Ethernet
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

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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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