

CISCO · CATALYST 1300 SWITCHES

C1300-24XS

20x10G SFP+ Ports · 4x10G Copper/SFP+ Combo · Stackable Catalyst 1300

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

C1300-24XS

Product Model	C1300-24XS
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 C1300-24XS is a Cisco Catalyst 1300 Series fixed managed Layer 3 switch for 10G fiber aggregation in branch offices and small business networks. The switch has 20 SFP+ ports and four copper/SFP+ combo ports, with 480 Gbps of nonblocking switching capacity, a 357.14 Mpps forwarding rate and no PoE.

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

Specifications

Product ID	C1300-24XS	Product type	Fixed managed Layer 3 10 Gigabit Ethernet switch
Operating software	Customized Linux OS software	Total ports	20 x 10G SFP+ + 4 x 10G copper/SFP+ combo + 1 x GE OOB management
10G SFP+ ports	20 x 10G SFP+	Combo ports	4 x 10G copper/SFP+ combo, one port of each pair active at a time
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
Buttons	Reset button	Port LED control	Port LEDs can be turned off manually to save energy
Switching capacity	480 Gbps, wire speed and nonblocking	Forwarding rate	357.14 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
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
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; C1300 Family 2 PIDs only	High-speed stack interconnects	10 Gigabit Ethernet fiber interfaces, 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

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=49.46W; 220V=49.02W	Idle power	110V=21.5W; 220V=21.3W
Heat dissipation	220.77	Fan modules	1
Acoustic noise	25°C: 27.6 dBA	MTBF at 25°C (hours)	993,232
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 286 x 43.94 mm (17.49 x 11.26 x 1.73 in)	Weight	4.15 kg (9.15 lb)
Mounting	Rack-mountable, 19-inch mounting brackets included	Fiber type	Category 6a or better for the 10G copper ports on the 4 combo pairs; Category 5e or better for other copper ports
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 C1300-24XS

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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