

CISCO · CATALYST 1300 SWITCHES

C1300-12XS

10x10G SFP+ Ports · 2x10G Copper/SFP+ Combo · Compact Layer 3 Switch

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

C1300-12XS

Product Model	C1300-12XS
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 C1300-12XS is a Cisco Catalyst 1300 Series fixed managed Layer 3 10 Gigabit Ethernet switch for small offices that aggregate SFP+ uplinks and servers at 10G. The switch has 10 SFP+ ports and 2 copper/SFP+ combo ports, 240 Gbps of switching capacity, a 3 MB packet buffer and no PoE output.

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

Specifications

Product ID	C1300-12XS	Product type	Fixed managed Layer 3 10 Gigabit Ethernet switch
Operating software	Customized Linux OS software	Total ports	10 x 10G SFP+ + 2 x 10G copper/SFP+ combo + 1 x GE OOB management
10G SFP+ ports	10 x 10G SFP+	Combo ports	2 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	Switching capacity	240 Gbps, wire speed and nonblocking
Forwarding rate	178.57 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	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	Port mirroring	Up to 8 source ports mirrored to one destination port
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

Firmware upgrade	Web browser upgrade (HTTP/HTTPS), TFTP, and SCP over SSH; 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=24.3W; 220V=26.1W
Idle power	110V=9.9W; 220V=11.5W	Heat dissipation	132.39
Fan modules	1	Acoustic noise	25°C: 29.5 dBA
MTBF at 25°C	1,226,587	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)	268 x 300 x 43.94 mm (10.55 x 11.81 x 1.73 in)
Weight	2.67 kg (5.89 lb)	Mounting	Rack-mountable; 19-inch mounting brackets ship only with 24- and 48-port models; RCKMNT-CMPCT-1K= is the 19-inch bracket for 8-, 12-, and 16-port models
Fiber type	Category 6a or better for the 10G copper ports on the 2 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 C1300-12XS

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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