

CISCO · CATALYST 1300 SWITCHES

C1300-24MGP-4X

16x1G + 8x2.5G PoE+ Ports · 4x10G SFP+ Uplinks · 375W PoE Budget

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

C1300-24MGP-4X

Product Model	C1300-24MGP-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 C1300-24MGP-4X is a Cisco Catalyst 1300 Series fixed managed Layer 3 multigigabit PoE+ switch for branch offices that power phones and Wi-Fi access points from one chassis. The switch has 16 Gigabit and 8 x 2.5G PoE+ ports with a 375W PoE budget, 4 x 10G SFP+ uplinks, 152 Gbps of switching capacity and one fan rated below 39 dBA.

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

Specifications

Product ID	C1300-24MGP-4X	Product type	Fixed managed Layer 3 multigigabit PoE+ switch
Operating software	Customized Linux OS software	Total ports	16 Gigabit Ethernet + 8 x 2.5G mGig + 4 x 10G
10/100/1000 PoE+ ports	16 x 10/100/1000, 30W PoE+ per port	2.5G PoE+ ports	8 x 2.5G, 30W PoE+ per port
Uplink ports	4 x 10 Gigabit SFP+	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	Buttons	Reset button
LEDs	System, Link/Act, PoE, Speed	Switching capacity	152 Gbps, wire speed and nonblocking
Forwarding rate	113.08 Mpps (64-byte packets)	Packet buffer	1.5 MB, aggregate across all ports and dynamically shared
Flash	1 GB SLC	CPU	ARM dual-core at 1.5 GHz
DRAM	1 GB DDR4	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 snooping, with source-specific multicasting
MLD snooping	MLD v1 and v2 snooping	IPv4 routing	Wire-speed routing of IPv4 packets
IPv6 routing	Wire-speed routing of IPv6 packets	Layer 3 routing protocols	RIP v2 and policy-based routing; OSPF v2 and v3 only on C1300X SKUs
DHCP services	DHCP server, DHCP relay at Layer 3, and UDP relay	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; C1300 Family 1 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	375W of power dedicated to PoE across 24 PoE-capable ports
PoE standards	802.3at PoE+, 802.3af PoE, and Cisco pre-standard (legacy) 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=46.3W; 220V=46.1W	Power consumption with PoE (worst case)	110V=459W; 220V=443.6W
Idle power	110V=23.4W; 220V=23.6W	Heat dissipation	1565.19
Fan modules	1	Acoustic noise	25°C: <39 dBA
MTBF at 25°C	359,908	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 350 x 43.94 mm (17.49 x 13.78 x 1.73 in)
Weight	5.53 kg (12.2 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 C1300-24MGP-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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