

CISCO · CATALYST 1300 SWITCHES

C1300-16T-2G

16x1G Data Ports · 2x1G SFP Uplinks · Fanless Layer 3 Switch

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



Product Model	C1300-16T-2G
Category	Catalyst 1300 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The C1300-16T-2G is a Cisco Catalyst 1300 Series fanless Layer 3 data switch for small offices, classrooms and shops whose wired devices have their own power. The switch has 16 data-only Gigabit RJ-45 ports with no PoE output, two separate Gigabit SFP uplinks and 36 Gbps of switching capacity from an internal 100-240V supply.

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

Specifications

Product ID	C1300-16T-2G	Product type	Managed Layer 3 Gigabit Ethernet switch
Total ports	18 x Gigabit Ethernet	RJ-45 ports	16 x 10/100/1000
Uplink ports	2 x Gigabit SFP	PoE	No PoE output; data-only ports
Console port	Cisco standard RJ-45 console port and USB Type C port	USB port	USB Type C, for file and image management and console access
Switching capacity	36 Gbps, wire speed and nonblocking	Forwarding rate	26.78 Mpps (64-byte packets)
Packet buffer	1.5 MB, dynamically shared across all ports	MAC addresses	16,000 entries
IPv4 routes	990 (dynamic plus static)	IP interfaces	128
ACL rules	1,024	IGMP groups	2,000
VLANs	4,094 (4078 to 4094 reserved for internal use)	Jumbo frames	Up to 9,000 bytes
Spanning tree	MSTP 16 instances; PVST+ and Rapid PVST+ 126 instances	Link aggregation	LACP, up to 8 groups with up to 8 ports each
Port mirroring	Up to 8 source ports to 1 destination port	Layer 3 routing	IPv4 and IPv6 wire-speed routing, RIP v2, policy-based routing
DHCP	DHCP server, DHCP relay, UDP relay	Voice	Voice VLAN with Voice Services Discovery Protocol, Auto Smartports
VLAN features	Guest VLAN, private VLAN, unauthenticated VLAN, RADIUS dynamic VLAN	Security	802.1X, web authentication, DHCP snooping, IP Source Guard, Dynamic ARP Inspection, port security, storm control, IPv6 First Hop Security, RADIUS, TACACS+, SSH, SSL, BPDU Guard, Root Guard
QoS	8 hardware queues, strict priority and WRR scheduling, 802.1p, DSCP and IP precedence classification, ingress policing, egress shaping	Hardware stacking	Not supported
Energy efficiency	EEE 802.3az on all copper Gigabit Ethernet ports, energy detect, cable length detection, time-based port operation	Discovery	LLDP-MED, CDP, Bonjour

Operating system	Customized Linux OS	Management	Cisco Business Dashboard, Cisco Business mobile app, Cisco Network Plug and Play, web UI, SNMP v1/v2c/v3, CLI
Firmware upgrade	Dual images	CPU	ARM dual-core at 1.5 GHz
DRAM	1 GB DDR4	Flash	1GB SLC
Default power supply	Internal, universal, 100-240V 50-60 Hz	System power consumption	110V=10.9W; 220V=11.2W
Idle power	110V=4.6W; 220V=4.9W	Heat dissipation	38.2 BTU/hr
Fan modules	Fanless	MTBF at 25°C	912,776 hours
Cabling	UTP Cat 5e or better for 1000BASE-T	Mounting	Rack-mountable; 19-in bracket not included
Dimensions (H x W x D)	268 x 272 x 43.94 mm (10.55 x 10.69 x 1.73 in)	Weight	2.18 kg (4.80 lb)
Operating temperature	-5°C to 50°C (23°F to 122°F); cold start minimum 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
Certifications	UL (UL 62368), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A	Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3ad, 802.3z, 802.3x, 802.1D, 802.1Q, 802.1p, 802.1w, 802.1s, 802.1X, 802.1AB, 802.3az
Package contents	Switch, power cord unless NO-POWER-CORD is selected, pointer card		

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM

Get Price and Availability for C1300-16T-2G

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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