Layer23 switch.com

PRODUCT DATASHEET
Revised October 2026

CISCO · CATALYST 1300 SWITCHES

C1300-24T-4G

24x1G Data Ports · 4x1G SFP Uplinks · Fanless Layer 3 Switch

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

Product Model	C1300-24T-4G
Category	Catalyst 1300 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com

Scan for price and stock

200+	18,000+	US$9M+	3-Year
Countries Served	Customers Worldwide	Ready-Stock Inventory	Warranty

CISCO · CATALYST 1300 SWITCHES

C1300-24T-4G

24x1G Data Ports · 4x1G SFP Uplinks · Fanless Layer 3 Switch

The C1300-24T-4G is a Cisco Catalyst 1300 Series fanless Layer 3 access switch for branch cabinets and office floors where every wired device has its own power source. The switch has 24 Gigabit RJ-45 data ports with no PoE output, four dedicated Gigabit SFP uplinks and 56 Gbps of nonblocking switching capacity.

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

Specifications

Product ID	C1300-24T-4G	**Product type**	Managed Layer 3 Gigabit Ethernet switch
Total ports	28 x Gigabit Ethernet	**RJ-45 ports**	24 x 10/100/1000
Uplink ports	4 x Gigabit SFP, dedicated (not combo)	**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	56 Gbps, wire speed and nonblocking	**Forwarding rate**	41.67 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

LAYER23 SWITCH

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=14.6W; 220V=14.8W
Idle power	110V=4.9W; 220V=5.2W	**Heat dissipation**	50.5 BTU/hr
Fan modules	Fanless	**MTBF at 25°C**	664,987 hours
Cabling	UTP Cat 5e or better for 1000BASE-T	**Mounting**	Rack-mountable; 19-in brackets included
Dimensions (H x W x D)	444.3 x 240 x 43.94 mm (17.49 x 9.45 x 1.73 in)	**Weight**	2.63 kg (5.80 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, 19-in mounting brackets, 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

LAYER23-SWITCH

Get Price and Availability for C1300-24T-4G
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.

Request a Quote

View Product Page

Email sales@layer23-switch.com WhatsApp +86 171 8118 9993 WeChat layer23-switch Telegram @layer23_switch
Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.