

CISCO · CATALYST 1300 SWITCHES

# C1300X-24T-4X

24x1G Data Ports · 4x10G SFP28 Uplinks · OSPF Layer 3 Switch

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

C1300X-24T-4X

|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| Product Model | C1300X-24T-4X                                                                       |
| Category      | Catalyst 1300 Switches                                                              |
| Condition     | New, factory-sealed                                                                 |
| Warranty      | 3-year LSCare warranty                                                              |
| Supplier      | Layer23-Switch · <a href="http://www.layer23-switch.com">www.layer23-switch.com</a> |



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Warranty

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The C1300X-24T-4X is a Cisco Catalyst 1300X Series fixed managed Layer 3 Gigabit Ethernet switch for small-business and branch-office access networks that need OSPF routing. The switch has 24 Gigabit copper ports and four SFP28 uplinks at 10G, with 128 Gbps of switching capacity and a single fan rated at 20.3 dBA.

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

## Specifications

|                           |                                                                                                                                                                     |                                |                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID                | C1300X-24T-4X                                                                                                                                                       | Product type                   | Fixed managed Layer 3 Gigabit Ethernet switch                                                                                                 |
| Operating software        | Customized Linux OS software                                                                                                                                        | Total ports                    | 24 x Gigabit Ethernet + 4 x 10G                                                                                                               |
| Downlink ports            | 24 x 10/100/1000                                                                                                                                                    | Uplink ports                   | 4 x SFP28 (10G uplink, 25G available for stacking only)                                                                                       |
| 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        | 128 Gbps, wire speed and nonblocking                                                                                                                                | Forwarding rate                | 95.23 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                           | 2 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 IPv4 routes (dynamic and static) and 256 IP interfaces                                                                                                  | IPv6 routing                   | Wire-speed routing of IPv6 packets                                                                                                            |
| Layer 3 routing protocols | RIP v2, OSPF v2 and v3, and policy-based routing                                                                                                                    | DHCP services                  | DHCP server, DHCP relay, and UDP relay                                                                                                        |
| ACL entries               | Up to 3,072 rules, ingress and egress, time-based ACLs supported                                                                                                    | IGMP snooping                  | IGMP v1, v2, and v3 with 4,000 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, which manages up to 400 ports as one system; C1300X Family PIDs only                                                                 | High-speed stack interconnects | SFP28 slots, up to 25G for stacking; 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, RADIUS and TACACS+ | 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 |

|                        |                                                                                        |                                |                                                                                          |
|------------------------|----------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|
| Energy efficiency      | IEEE 802.3az Energy Efficient Ethernet on all copper Gigabit Ethernet ports            | 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=31.7W; 220V=32.1W                                                                   |
| Heat dissipation       | 136.14                                                                                 | Fan modules                    | 1                                                                                        |
| Acoustic noise         | 25°C: 20.3 dBA                                                                         | MTBF at 25°C (hours)           | 458,135                                                                                  |
| 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 270 x 43.94 mm (17.49 x 10.63 x 1.73 in)                                       | Weight                         | 3.28 kg (7.23 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 C1300X-24T-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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