

Cisco Catalyst 1200-48P-4G - switch - 48 ports - smart - rack-mountable(C1200-48P-4G)

Cisco Catalyst 1200-48P-4G - Switch - L3 - smart - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP - rack-mountable - PoE+ (375 W)

The Cisco Catalyst 1200-48P-4G switch is the next generation of affordable, smart switches that combine powerful network performance, security, and reliability with a comprehensive suite of network features you need for a solid small business network.



Key Selling Points

- Easy configuration and management
- Reliability and performance
- Layer 3 static routing
- Network security
- Flexible and compact design
- Energy-efficient solution
- Power over Ethernet

Product Features

- SWITCH PORTS**
48 ports 10/100/1000 + 4x 1GE SFP (total PoE power budget: 375W, PoE, PoE+)
- SIMPLE**
Intuitive Cisco Business mobile app, local web interface, and Cisco Business Dashboard allows you to set up, manage, and monitor the switch, with step-by-step instructions to install and configure your network in minutes - no IT expertise required
- SECURITY**
Integrated with IEEE 802.1X port security to control access to your network, denial-of-service (DoS) attack prevention increases network uptime during an attack, while access control lists (ACLs) protect the network from unauthorized users
- ENERGY EFFICIENT**
Optimizes power usage to lower operational cost. Compliant with IEEE 802.3az Energy Efficient Ethernet. Fanless in select models
- PERFECT FOR SMALL BUSINESS**
Requires no subscription or licenses to use, and offers limited lifetime hardware warranty with complimentary 1-year technical support

Main Specifications

Product Description	Cisco Catalyst 1200-48P-4G - switch - 48 ports - smart - rack-mountable
Device Type	Switch - 48 ports - L3 - smart
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	375 W
Performance	Forwarding rate (64 byte packets): 77.38 Mpps Switching capacity: 104 Gbps

Capacity	MSTP instances: 8 PVST+ instances: 126 RPVST+ instances: 126 Link aggregation groups: 4 Link aggregation ports: 8 Active VLANs: 255 IGMP multicast groups: 255 IPv4 routes (static): 32 IPv4 interfaces: 16 ACL rules: 512 Priority queues: 8 Packet buffer size: 3 MB
MAC Address Table Size	8000 entries
Jumbo Frame Support	9000 bytes
Routing Protocol	STP, static IP routing, MSTP, RSTP, IGMP, IGMPv2, IGMPv3, CIDR, MLD, MLDv2, Bounjour
Remote Management Protocol	CLI, Telnet, SSH, SSH-2, DHCP, ICMP, SNMP, RADIUS, Syslog, HTTP, HTTPS, SNMP 2c, SNMP 3, RMON, TFTP, SCP
Features	1 fan, QoS, ACL support, eco-friendly button, EEE, PVST+, Link Aggregation, port grouping, LACP, LAG, VLAN support, Auto Surveillance VLAN, Guest VLAN, port-based VLAN, tag-based VLANs, VLAN management, Voice VLAN, VSDP, Zero-Touch Deployment, GARP, GVRP, IGMP snooping, IGMP querier, loopback detection, UDP, BOOTP support, STP loop guard, SCT, SSD, trustworthy systems, Port Security, Broadcast Storm Control, Multicast Storm Control, Storm Control, Unknown Storm Control, DoS attack prevention, TCP/UDP proxy, DSCP based CoS, SP, WRR queuing, CoS, ToS, DiffServ support, EQS, ingress rate limiting, TCP congestion, SNTP support, TFTP support, DHCP client, DNS client, SNMP trap, remote firmware upgrade, Cable Diagnostics Function, DHCP server, port mirroring, SCP, VLAN mirroring, Telnet client, cable length detection, chip guard, boot integrity, LLDP, LLDP-MED, CDP, reset button, time-based port operation, IPv4 and IPv6 dual stack, Telnet server, DAD, path MTU discovery, WRR, Unicast Storm Control, DoS protection, HoL Blocking Prevention, DHCP relay, RPVST+, MSTP support, layer 3 routing
Compliant Standards	IEEE 802.1x, IEEE 802.3az, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3ad (LACP), IEEE 802.1Q, IEEE 802.1p, IEEE 802.1ab (LLDP), IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3at, IEEE 802.3af
Power	AC 100-240 V (50 - 60 Hz)
Dimensions (WxDxH)	44.5 cm x 35 cm x 4.4 cm
Weight	5.43 kg
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

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Encryption Algorithm	SSL
Authentication Method	RADIUS
Features	1 fan, QoS, ACL support, eco-friendly button, EEE, PVST+, Link Aggregation, port grouping, LACP, LAG, VLAN support, Auto Surveillance VLAN, Guest VLAN, port-based VLAN, tag-based VLANs, VLAN management, Voice VLAN, VSDP, Zero-Touch Deployment, GARP, GVRP, IGMP snooping, IGMP querier, loopback detection, UDP, BOOTP support, STP loop guard, SCT, SSD, trustworthy systems, Port Security, Broadcast Storm Control, Multicast Storm Control, Storm Control, Unknown Storm Control, DoS attack prevention, TCP/UDP proxy, DSCP based CoS, SP, WRR queuing, CoS, ToS, DiffServ support, EQS, ingress rate limiting, TCP congestion, SNTP support, TFTP support, DHCP client, DNS client, SNMP trap, remote firmware upgrade, Cable Diagnostics Function, DHCP server, port mirroring, SCP, VLAN mirroring, Telnet client, cable length detection, chip guard, boot integrity, LLDP, LLDP-MED, CDP, reset button, time-based port operation, IPv4 and IPv6 dual stack, Telnet server, DAD, path MTU discovery, WRR, Unicast Storm Control, DoS protection, HoL Blocking Prevention, DHCP relay, RPVST+, MSTP support, layer 3 routing
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Processor	X ARM: 1.4 GHz
RAM	1 GB DDR4 SDRAM
Flash Memory	512 MB
Status Indicators	System, link/activity/speed, PoE

Expansion / Connectivity

Interfaces	48 x 10/100/1000 Base-T (PoE+) RJ-45 4 x 10GBase-X SFP 1 x console RJ-45 1 x USB-C console
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Manufacturer Warranty

Service & Support	Limited warranty - lifetime - response time: next business day Technical support - consulting - 1 year
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Miscellaneous

Included Accessories	Pointer card, mounting kit
MTBF	856,329 hours
Compliant Standards	Plug and Play, RFC768, RFC783, RFC791, RFC792, RFC793, RFC813, RFC826, RFC879, RFC896, RFC854, RFC855, RFC856, RFC858, RFC894, RFC919, RFC920, RFC922, RFC950, RFC951, RFC1042, RFC1071, RFC1123, RFC1141, RFC1155, RFC1157, RFC1213, RFC1215, RFC1286, RFC1350, RFC1442, RFC1451, RFC1493, RFC1533, RFC1541, RFC1542, RFC1573, RFC1624, RFC1643, RFC1700, RFC1757, RFC1867, RFC1907, RFC2011, RFC2012, RFC2013, RFC2030, RFC2131, RFC2132, RFC2233, RFC2576, RFC2616, RFC2618, RFC2665, RFC2666, RFC2674, RFC2737, RFC2819, RFC2863, RFC3164, RFC3176, RFC3411, RFC3412, RFC3413, RFC3414, RFC3415, RFC3416, RFC4330, RFC4443, RFC4291, RFC2460, RFC4861, RFC4862, RFC1981, RFC4007, RFC3484, RFC5214, RFC4293, RFC3595, CSA 22.2, FCC CFR47 Part 15, UL 62368, WEEE

Power

Power Device	Internal power supply
Voltage Required	AC 100-240 V (50 - 60 Hz)

Environmental Parameters

Min Operating Temperature	-5 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 90% RH (non-condensing)
Min Storage Temperature	-25 °C
Max Storage Temperature	70 °C
Humidity Range Storage	10 - 90% RH (non-condensing)

Dimensions & Weight

Width	44.5 cm
Depth	35 cm
Height	4.4 cm
Weight	5.43 kg

What's in the box

Switch, power cord, USB Type C cable, and mounting hardware

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet