

WS-C3560CX-12PC-S Datasheet

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Overview

Cisco Catalyst 3560CX Series compact enterprise class layer 3 switch WS-C3560CX-12PC-S offers 12 POE Gigabit Ethernet ports, 2 Gigabit Ethernet RJ-45 uplinks, 2 SFP uplinks and 240W total POE/POE+ budget.

Quick Specs

Figure 1 shows the appearance of WS-C3560CX-12PC-S.



Table 1 shows the Quick Specs.

Product Code	WS-C3560CX-12PC-S
Feature Set	IP Base
Uplink Interfaces	2 x 1G copper plus 2 x 1G SFP
Ports	12 x 10/100/1000 Gigabit Ethernet
PoE+ Power	240W
Forwarding Bandwidth	16 Gbps
Switching Bandwidth (full-duplex capacity)	32 Gbps
RAM	512 MB
Flash Memory	128 MB
Dimensions	4.44 x 26.9 x 23.8 cm
Package Weight	4.65 Kg

Table 2 shows the three LEDs descriptions.

LED	Color/Port Mode	Description
SYST (System LED)	Off	System is not powered on.
	Green	System is operating normally.
	Amber	System is receiving power but is not operating properly.
STAT	Port status	The port status. This is the default mode.
SPEED	Port speed	The port operating speed: 10, 100, or 1000 Mb/s.
POE	Off	PoE is not enabled.
	Green	PoE is enabled. Ports are functioning correctly.
	Blinking Amber	· PoE mode is not selected · At least one of the 10/100 or 10/100/100 PoE ports has been denied power · At least one of the ports has a PoE fault

The console LEDs show which console port is in use.

If you connect a cable to a console port, the switch automatically uses that port for console communication. If you connect two console cables, the USB-mini console port has priority.

Table 3 shows the Console LED description.

LED	Color	Description
RJ-45 console port	Green	RJ-45 console port is active. USB-mini console port LED is not active.
	Off	Port is not active. USB-mini console port is active.
USB-mini console port	Green	USB-mini console port is active. RJ-45 console port LED is not active.
	Off	Port is not active. RJ-45 console port is active.

The Accessories

Table 4 shows some recommended cables.

Models	Descriptions
CAB-CONSOLE-USB	Cisco CAB-CONSOLE-USB Console Cable 6 ft with USB Type A and mini-B
CAB-CONSOLE-RJ45	Cisco CAB-CONSOLE-RJ45 Console Cable 6ft with RJ45 and DB9F

Compare to similar item

Models	WS-C3560CX-12PC-S	WS-C3560CX-12PD-S
Uplinks	2 x 1G copper plus 2 x 1G SFP	2 x 1G copper plus 2 x 10G SFP+
Ports	12 x 10/100/1000 Gigabit Ethernet	12 x 10/100/1000 Gigabit Ethernet
Feature set	IP Base	IP Base
PoE Output Ports	12 PoE+	12 PoE+
Available POE Power	240W	240W

Specification

WS-C3560CX-12PC-S Specification	
Ethernet Ports	12 x 10/100/1000 Gigabit Ethernet
PoE Output Ports	12 PoE+
Available PoE Power	240W
Uplinks	2 x 1G copper plus 2 x 1G SFP
Default Software	IP Base (IP Services with RTU License)
Powering Option	Internal power supply
Available PoE Power (W)	240W
Can Switch Be Powered with Uplinks?	No
Forwarding Bandwidth	16 Gbps
Switching Bandwidth (full-duplex capacity)	32 Gbps
Flash memory	128 MB
Memory DRAM	512 MB

Max VLANs	1023
VLAN IDs	4000
Maximum transmission unit (MTU)	Up to 9000 bytes
Jumbo frames	9198 bytes
Forwarding rate 64 Byte Packet	23.8 mpps
Dimensions (H x W x D)	1.75 x 10.6 x 9.4 in (4.44 x 26.9 x 23.8 cm)
Weight	5.1 lb (2.31 Kg)
Operating* temperature up to 5000 ft (1524 m)	-5°C to +45°C (+23°F to +113°F)
Operating* temperature up to 10,000 ft (3048 m)	-5°C to +45°C (+23°F to +113°F)
Storage temperature up to 15,000 ft (4572 m)	-25°C to +70°C (-13°F to +158°F)
Operating altitude	Up to 3048 m (Up to 10,000 ft)
Storage altitude	Up to 4000 m (Up to 15,000 ft)
Operating relative humidity	5% to 95% noncondensing
Storage relative humidity	5% to 95% noncondensing
MTBF	553,140

Management

- BRIDGE-MIB
- CISCO-CABLE-DIAG-MIB
- CISCO-CDP-MIB
- CISCO-CLUSTER-MIB
- CISCO-CONFIG-COPY-MIB
- CISCO-CONFIG-MAN-MIB
- CISCO-DHCP-SNOOPING-MIB
- CISCO-ENTITY-VENDORTYPE-OID-MIB
- CISCO-ENVMON-MIB
- CISCO-ERR-DISABLE-MIB
- CISCO-FLASH-MIB
- CISCO-FTP-CLIENT-MIB
- CISCO-IGMP-FILTER-MIB
- CISCO-IMAGE-MIB
- CISCO-IP-STAT-MIB
- CISCO-LAG-MIB
- CISCO-MAC-NOTIFICATION-MIB
- CISCO-MEMORY-POOL-MIB
- CISCO-PAGP-MIB
- CISCO-PING-MIB
- CISCO-POE-EXTENSIONS-MIB
- CISCO-PORT-QOS-MIB
- CISCO-PORT-SECURITY-MIB
- CISCO-PORT-STORM-CONTROL-MIB
- CISCO-PRODUCTS-MIB
- CISCO-PROCESS-MIB
- CISCO-RTTMON-MIB
- CISCO-SMI-MIB
- CISCO-STP-EXTENSIONS-MIB
- CISCO-SYSLOG-MIB
- CISCO-TC-MIB
- CISCO-TCP-MIB
- CISCO-UDLD-MIB
- CISCO-VLAN-IPTABLE
- RELATIONSHIP-MIB
- CISCO-VLAN-MEMBERSHIP-MIB
- CISCO-VTP-MIB
- ENTITY-MIB
- ETHERLIKE-MIB
- IEEE8021-PAE-MIB
- IEEE8023-LAG-MIB
- IF-MIB
- INET-ADDRESS-MIB
- OLD-CISCO-CHASSIS-MIB
- OLD-CISCO-FLASH-MIB
- OLD-CISCO-INTERFACES-MIB
- OLD-CISCO-IP-MIB
- OLD-CISCO-SYS-MIB
- OLD-CISCO-TCP-MIB
- OLD-CISCO-TS-MIB
- RFC1213-MIB
- RMON-MIB
- RMON2-MIB
- SNMP-FRAMEWORK-MIB
- SNMP-MPD-MIB
- SNMP-NOTIFICATION-MIB
- SNMP-TARGET-MIB
- SNMPv2-MIB
- TCP-MIB
- UDP-MIB
- ePM MIB

Standards	● IEEE 802.1D Spanning Tree Protocol ● IEEE 802.1p CoS Prioritization ● IEEE 802.1Q VLAN ● IEEE 802.1s ● IEEE 802.1w ● IEEE 802.1x ● IEEE 802.1AB (LLDP) ● IEEE 802.3ad ● IEEE 802.3af ● IEEE 802.3ah (100BASE-X single/multimode fiber only) ● IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports ● IEEE 802.3 10BASE-T specification ● IEEE 802.3u 100BASE-TX specification ● IEEE 802.3ab 1000BASE-T specification ● IEEE 802.3z 1000BASE-X specification ● 100BASE-BX (SFP) ● 100BASE-FX (SFP) ● 100BASE-LX (SFP) ● 1000BASE-BX (SFP) ● 1000BASE-SX (SFP) ● 1000BASE-LX/LH (SFP) ● 1000BASE-ZX (SFP) ● 1000BASE-CWDM SFP 1470 nm ● 1000BASE-CWDM SFP 1490 nm ● 1000BASE-CWDM SFP 1510 nm ● 1000BASE-CWDM SFP 1530 nm ● 1000BASE-CWDM SFP 1550 nm ● 1000BASE-CWDM SFP 1570 nm ● 1000BASE-CWDM SFP 1590 nm ● 1000BASE-CWDM SFP 1610 nm ● RMON I and II standards ● SNMPv1, SNMPv2c, and SNMPv3
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RFC compliance	• RFC 768: UDP • RFC 783: TFTP • RFC 791: IP • RFC 792: ICMP • RFC 793: TCP • RFC 826: ARP • RFC 854: Telnet • RFC 951: Bootstrap Protocol • RFC 1542: BOOTP Extensions • RFC 959: FTP • RFC 1058: RIP Routing • RFC 1112: IP Multicast and IGMP • RFC 1157: SNMPv1 • RFC 1166: IP Addresses • RFC 1253: OSPF Routing • RFC 1256: ICMP Router Discovery • RFC 1305: NTP • RFC 1492: TACACS+ • RFC 1493: Bridge MIB • RFC 1542: Bootstrap Protocol • RFC 1583: OSPFv2 • RFC 1643: Ethernet Interface MIB • RFC 1723: RIPv2 Routing • RFC 1757: RMON • RFC 1812: IP Routing • RFC 1901: SNMPv2C • RFC 1902-1907: SNMPv2 • RFC 1981: MTU Path Discovery IPv6 • RFC 2068: HTTP • RFC 2080: RIP for IPv6 • RFC 2131: DHCP • RFC 2138: RADIUS • RFC 2233: IF MIB • RFC 2236: IP Multicast • RFC 2328: OSPFv2 • RFC 2273-2275: SNMPv3 • RFC 2373: IPv6 Aggregatable Addrs • RFC 2453: RIPv2 Routing • RFC 2460: IPv6 protocol • RFC 2461: IPv6 Neighbor Discovery • RFC 2462: IPv6 Autoconfiguration • RFC 2463: ICMP IPv6 • RFC 2474: DiffServ Precedence • RFC 2597: Assured Forwarding • RFC 2598: Expedited Forwarding • RFC 2571: SNMP Management • RFC 2740: OSPF for IPv6 • RFC 3046: DHCP Relay Agent Information Option • RFC 3101, 1587: NSSAs • RFC 3376: IGMPv3 • RFC 3580: 802.1x RADIUS
Safety standards	• UL 60950-1 • CAN/CSA 22.2 No. 60950-1 • EN 60950-1 • IEC 60950-1 • CE Marking • GB 4943 • IEC 60825
Electromagnetic emissions certifications	• FCC Part 15, CFR 47, Class A, North America • EN/IEC 61000-4-5 • EN 55022 (CISPR22) and EN 55024 (CISPR24), CE marking, European Union • AS/NZS, Class A, CISPR22:2004 or EN55022, Australia and New Zealand • VCCI Class A, V-3/2007.04, Japan • KCC (Formerly MIC, GB17625.1-1998) Class A, KN24/KN22, Korea • ANATEL, Brazil • CCC, China • GOST, Russia
Environmental	Reduction of Hazardous Substances (ROHS) 6
Telco	Common Language Equipment Identifier (CLEI) code

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