

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1121X-8P

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1121X-8P
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1121X-8P Datasheet

The Cisco C1121X-8P datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1121X-8P and integrate it into enterprise or service provider networks with confidence.

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Key Features

Integrated 8-Port Gigabit Switch

Combines routing and switching with 8 GE LAN ports, supporting business devices like PCs, VoIP phones, and wireless APs on a single platform for simplified branch deployments.

Dual High-Availability WAN Uplinks

Features both RJ-45 and Combo SFP/RJ-45 uplinks, providing flexible ISP connectivity and seamless failover for continuous, reliable network access in hybrid or fiber/copper environments.

Enterprise Security & SD-WAN Ready

Supports advanced security features including IPsec VPN, zone-based firewall, segmentation, and is fully SD-WAN capable for secure, centralized, and scalable branch networking.

Power over Ethernet (PoE/PoE+) Capability

Powers up to 4 PoE or 2 PoE+ devices—such as IP cameras, access points, or phones—directly from the router, streamlining installation and reducing cabling complexity.

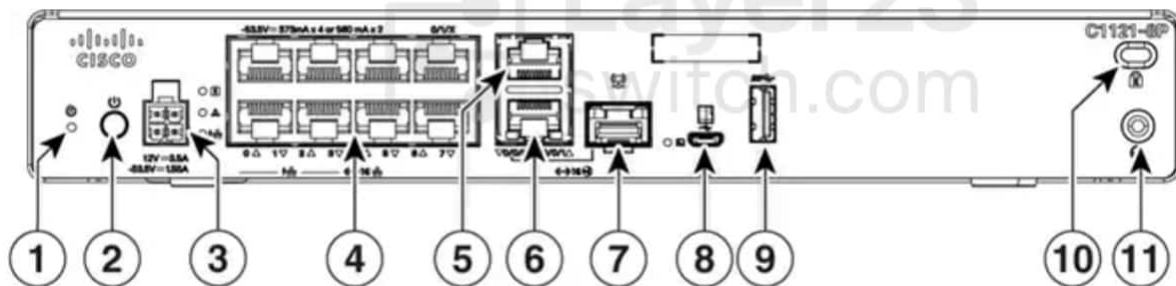
Fanless, Compact, Silent Operation

Fanless hardware design ensures whisper-quiet operation and low power consumption, perfect for office, retail, healthcare, and noise-sensitive environments.

Upgraded 8GB Memory for Advanced Services

Standard 8GB DRAM and flash support larger route tables, SD-WAN overlays, and advanced Cisco IOS XE features, making it ideal for growing business and future needs.

C1121X-8P Rear Panel



1	Reset button	2	Power switch
3	4-pin power connector	4	Ethernet switch
5	RJ-45	6	GE WAN 0/0/0 -RJ45
7	GE WAN 0/0/0 -SFP	8	Micro-USB console
9	USB 3.0	10	Kensington lock slot
11	Grounding		

Specification

Parameter	Detail	Parameter	Detail
Product Model	C1121X-8P	Product Series	Cisco ISR 1000 Series
WAN Ports	2 (1 × RJ-45, 1 × Combo SFP/RJ-45)	LAN Ports	8 × 10/100/1000 Mbps Gigabit Ethernet

Parameter	Detail	Parameter	Detail
PoE Support	Optional, up to 4 PoE / 2 PoE+ (with 150W PSU)	Console Ports	RJ-45, Micro-USB
USB Ports	1 × USB 3.0 Type-A	Memory (DRAM/Flash)	8 GB / 8 GB
Max Platform Throughput (IPv4 IMIX)	1673 Mbps	SD-WAN IPsec Throughput (IMIX)	465 Mbps
Encrypted Throughput (IMIX, non-SD-WAN)	468 Mbps	Max NAT Sessions	100,000
Max VRFs	1,000	Number of IPsec Tunnels	100
Number of ACLs	4,000	Number of IPv4 ACEs	10,000
Number of IPv4 Routes	800,000	Number of IPv6 Routes	700,000
SD-WAN Overlay Tunnels	200	Fanless	Yes
Software	Cisco IOS XE (16.9.1 or later)	Routing Protocols	OSPF, BGP, EIGRP, RIP, Static, VRF-Lite
Advanced Features	SD-WAN, VPN, Zone-based Firewall, DMVPN, MPLS, AVC, NBAR2	Management	WebUI, CLI, SNMP, vManage, DNA Center
Smart Licensing	Supported	LED Indicators	Status, VPN, PoE, LAN/WAN, USB, Console
Power Supply	External AC Adapter: 100–240V AC, 66W (standard); 150W (PoE)	Max Power Consumption	19.2W (without PoE)
PoE Output Voltage	-53.5 VDC (with PoE PSU)	Dimensions (HxWxD)	1.65 × 10.8 × 7.85 in (41.9 × 274.3 × 199.4 mm)
Weight	3.48 lb (1.58 kg)	Operating Temperature	0°C to 40°C (32°F to 104°F)
Non-Operating Temperature	-40°C to +70°C (-40°F to 158°F)	Operating Humidity	10% to 85% RH (non-condensing)
Altitude	0 to 10,000 ft (operating)	Mounting Options	Desktop, rack-mount, wall-mount
Compliance & Safety	UL 60950-1, EN 60950-1, FCC, CE, RoHS	EMC Certifications	EN55022/CISPR22, CFR 47 Part 15, ICES003, VCCI, EN300-386

Parameter	Detail	Parameter	Detail
Rack Mount Kit	Optional (ACS-1100-RM-19=)	USB Console Driver OS Support	Windows, Mac OS X, Linux
Compatible SFP Modules	GLC-LH-SM, GLC-SX-MM, GLC-ZX-SM, GLC-TE, GLC-T, etc.	Redundancy	No PSU redundancy
Optional LTE/5G	No (Non-LTE model)	Wi-Fi	No

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- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [layer23-switch](https://weixin.qq.com/q/layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
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