



## C1112-8P DataSheet

Cisco C1112-8P ISR Router: 8 GE LAN, 2 WAN, 4 PoE, silent and secure branch router for SMBs, retail, and enterprise edge with SD-WAN and advanced security features.

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### C1112-8P Description

Cisco C1112-8P Integrated Services Router (ISR 1000 Series) delivers high-performance routing, switching, and security in a silent, compact form factor. With 8 Gigabit LAN ports, dual WAN uplinks (copper and SFP), and optional PoE/PoE+ for powering branch devices, the C1112-8P is designed for small and midsize business offices, retail stores, and remote branches. It supports advanced security, SD-WAN, and comprehensive Cisco IOS XE features, making it the perfect solution for secure, scalable, and easy-to-manage network edge deployments.

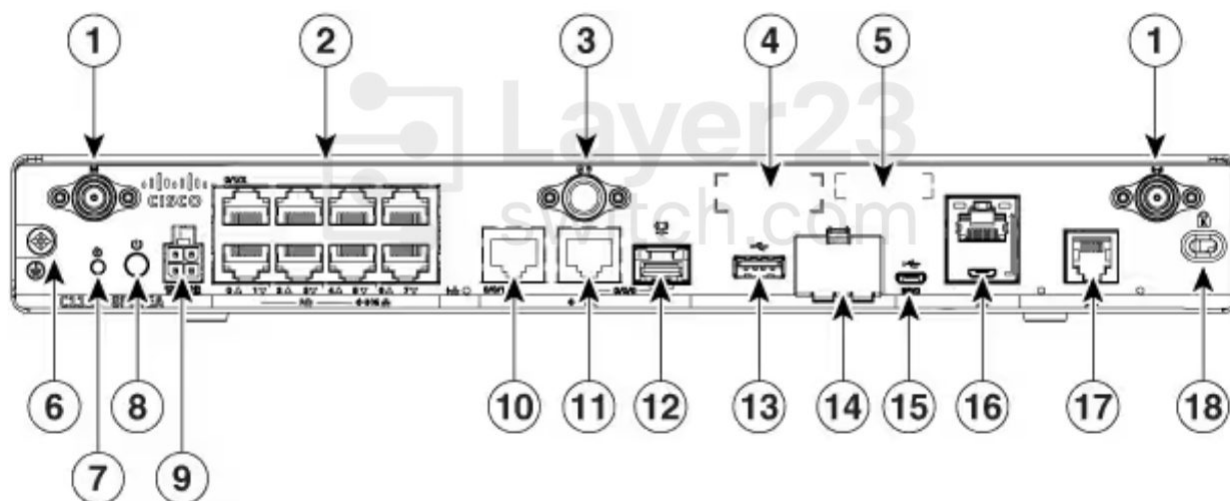
### Product Highlights

WAN Ports

LAN Ports

Max Throughput(IPv4 IMIX)

### C1121X-8PLTEP Rear Panel



1	LTE antennas - main and diversity	2	Ethernet switch
3	GPS connection	4	CLEI label
5	Serial number	6	Grounding
7	Reset button	8	Power switch
9	4-pin power connector	10	GE 0/0/1
11	GE 0/0/0 - RJ45	12	GE 0/0/0 - SFP
13	USB3.0	14	Lower slot0Upper slot1
15	LTE provisioning port	16	RJ45/Micro USB console
17	DSL	18	Kensington lock slot
19	Product Identification Number (PID)		

## Product Comparison

Parameter	C1112-8P	<a href="#">C1111-8P</a>	<a href="#">C1121-8P</a>
WAN Ports	2 (1 SFP combo)	2 (1 SFP combo)	2 (1 SFP combo)
LAN Ports	8 × GE	8 × GE	8 × GE
PoE Support	4 PoE / 2 PoE+ opt.	4 PoE / 2 PoE+ opt.	4 PoE / 2 PoE+ opt.
Memory (DRAM/Flash)	4GB / 4GB	4GB / 4GB	4GB / 4GB
Max IPv4 Throughput	1673 Mbps	1673 Mbps	1673 Mbps
SD-WAN IMIX Throughput	465 Mbps	465 Mbps	465 Mbps
Encrypted Throughput (IMIX)	468 Mbps	468 Mbps	468 Mbps
Console Ports	RJ-45, Micro-USB	RJ-45, Micro-USB	RJ-45, Micro-USB
Dimensions (HxWxD)	1.75×12.7×9.015 in	1.75×12.7×9.015 in	1.65×10.8×7.85 in
Weight	1.98 kg	1.98 kg	1.58 kg
LTE Option	No	No	No

## Specification

Parameter	Detail	Parameter	Detail
<b>Product Model</b>	C1112-8P	<b>Product Series</b>	Cisco ISR 1000 Series
<b>WAN Ports</b>	2 (1 × RJ-45, 1 × Combo SFP/RJ-45)	<b>LAN Ports</b>	8 × 10/100/1000 Mbps Gigabit Ethernet
<b>PoE Support</b>	Up to 4 PoE / 2 PoE+ (with 150W PSU)	<b>Console Ports</b>	RJ-45, Micro-USB
<b>USB Ports</b>	1 × USB 3.0 Type-A	<b>Memory (DRAM/Flash)</b>	4 GB / 4 GB
<b>Max Platform Throughput (IPv4 IMIX)</b>	1673 Mbps	<b>SD-WAN IPsec Throughput (IMIX)</b>	465 Mbps
<b>Encrypted Throughput (IMIX, non-SD-WAN)</b>	468 Mbps	<b>Max NAT Sessions</b>	100,000

Parameter	Detail	Parameter	Detail
<b>Max VRFs</b>	1,000	<b>Number of IPsec Tunnels</b>	100
<b>Number of ACLs</b>	4,000	<b>Number of IPv4 ACEs</b>	10,000
<b>Number of IPv4 Routes</b>	800,000	<b>Number of IPv6 Routes</b>	700,000
<b>SD-WAN Overlay Tunnels</b>	200	<b>Fanless</b>	Yes
<b>Software</b>	Cisco IOS XE (16.9.1 or later)	<b>Routing Protocols</b>	OSPF, BGP, EIGRP, RIP, Static, VRF-Lite
<b>Advanced Features</b>	SD-WAN, VPN, Firewall, DMVPN, MPLS, AVC	<b>Management</b>	WebUI, CLI, SNMP, vManage, DNA Center
<b>Smart Licensing</b>	Supported	<b>LED Indicators</b>	Status, VPN, PoE, LAN/WAN, USB, Console
<b>Power Supply</b>	External AC Adapter: 66W/150W (PoE)	<b>Max Power Consumption</b>	19.2W (without PoE)
<b>PoE Output Voltage</b>	-53.5 VDC (with PoE PSU)	<b>Dimensions (HxWxD)</b>	1.75 × 12.70 × 9.015 in (44.45 × 322.6 × 229 mm)
<b>Weight</b>	4.37 lb (1.98 kg)	<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Non-Operating Temperature</b>	-40°C to +70°C (-40°F to 158°F)	<b>Operating Humidity</b>	10% to 85% RH (non-condensing)
<b>Altitude</b>	0 to 10,000 ft (operating)	<b>Mounting Options</b>	Desktop, rack-mount, wall-mount
<b>Compliance &amp; Safety</b>	UL 60950-1, EN 60950-1, FCC, CE, RoHS	<b>EMC Certifications</b>	EN55022/CISPR22, CFR 47 Part 15, ICES003, VCCI, EN300-386
<b>Rack Mount Kit</b>	Optional (ACS-1100-RM-19=)	<b>USB Console Driver OS Support</b>	Windows, Mac OS X, Linux
<b>Compatible SFP Modules</b>	GLC-LH-SM, GLC-SX-MM, GLC-ZX-SM, GLC-TE, etc.	<b>Redundancy</b>	No PSU redundancy
<b>LTE/5G Support</b>	No	<b>Wi-Fi</b>	No

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