

Cisco ISR C1111-8P

DATASHEET

1100 Series Integrated Services Router Datasheet

Product Overview

The Cisco 1100 Series Integrated Services Router (ISR) C1111-8P delivers Cisco IOS XE Software, providing internet access, comprehensive security, and wireless services in a single, high-performance compact device. Ideal for small-to-medium enterprise branch offices and managed services applications.

8 Ports

GIGABIT LAN

250 Mbps

CRYPTO PERFORMANCE

4 PoE / 2 PoE+

POWER SUPPORT

4 GB

DRAM & FLASH

KEY FEATURES & BENEFITS

Lightweight & Fanless Design

Compact form factor suitable for office environments without dedicated server rooms. Designed for low power consumption and quiet operation.

Advanced Enterprise Security

Includes hardware-accelerated IPsec VPN, Stateful Firewall, Encrypted Traffic Analytics (ETA), and Cisco Umbrella integration.

Power over Ethernet (PoE)

Integrated 8-port switch provides 4 PoE ports or 2 PoE+ ports to supply power to IP phones, access points, and surveillance cameras.

Cisco SD-WAN Readiness

Supports robust SD-WAN capabilities for dynamic traffic steering, application-aware routing, and cloud connectivity optimization.

HARDWARE SPECIFICATIONS

COMPONENT / INTERFACE	TECHNICAL SPECIFICATION
WAN Interfaces	1x Dedicated RJ-45 GbE + 1x Combo Port (RJ-45 / SFP GbE)
LAN Switch Ports	8x Managed Gigabit Ethernet Ports (RJ-45)
PoE Capabilities	4 Ports 802.3af PoE (up to 64W total) or 2 Ports 802.3at PoE+
System Memory (RAM)	4 GB (Fixed)
Flash Memory	4 GB (Fixed)
Console & Storage Ports	1x USB 3.0 Type-A, 1x Micro-USB Console, 1x Standard RJ-45 Console

PERFORMANCE & SECURITY ARCHITECTURE

The Cisco C1111-8P architecture decouples control and data planes to maintain optimal throughput and responsiveness even under heavy security traffic processing.

FEATURE	DESCRIPTION / VALUE
IPsec Crypto Throughput	Up to 250 Mbps (un-throttled encrypted performance)
Routing Protocols	BGP, OSPF, EIGRP, RIP, IS-IS, Policy-Based Routing (PBR)
Quality of Service (QoS)	HQoS, Low-Latency Queuing (LLQ), CBWFQ, WRED
Hardware Crypto Engine	Native IPsec, 3DES, AES-128, AES-256 encryption support
Trustworthy Systems	Cisco Trust Anchor Module, Secure Boot, Signed Images

PHYSICAL, POWER & ENVIRONMENTAL

Physical Characteristics Dimensions: 1.75 x 12.7 x 9.03 in (42 x 323 x 230 mm) Weight: 5.5 lbs (2.5 kg) Form Factor: 1U desktop, wall mountable, or rack mountable	Power Requirements Input Voltage: 100 to 240 VAC (Universal external adapter) Max Power Consumption: 66 Watts (with full PoE payload) PoE Budget: 64 Watts maximum
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ENVIRONMENTAL OPERATING STANDARDS

PARAMETER	OPERATING RANGE	NON-OPERATING / STORAGE
Temperature	0°C to 40°C (32°F to 104°F)	-40°C to 70°C (-40°F to 158°F)
Relative Humidity	10% to 85% (non-condensing)	5% to 95% (non-condensing)
Altitude	0 to 3,000 meters (0 to 10,000 ft)	0 to 4,500 meters (0 to 15,000 ft)

Ordering Information & License Options C1111-8P: Cisco 1100 Series ISR 8-Port GE Router with PoE support. Available with Cisco DNA Software subscription licenses (Essentials, Advantage) for SD-WAN deployment, IP Base, or Advanced Security licenses.
