

Cisco ISR C1111-4P

DATASHEET

1100 Series Integrated Services Router Datasheet

Product Overview

The Cisco 1100 Series Integrated Services Router (ISR) C1111-4P delivers Cisco IOS XE Software, providing secure internet access, high-performance crypto throughput, and enterprise routing in a highly compact, 4-port desktop form factor. Ideal for small branch offices, retail locations, and home offices.

4 Ports

GIGABIT LAN

250 Mbps

CRYPTO PERFORMANCE

2 PoE / 1 PoE+

POWER SUPPORT

4 GB

DRAM & FLASH

KEY FEATURES & BENEFITS

Compact & Quiet Operation

Fanless, ultra-compact form factor designed specifically for deployment in office spaces without dedicated IT racks or server rooms.

Enterprise-Grade Security

Hardware-accelerated IPsec VPN, Stateful Firewall, Encrypted Traffic Analytics (ETA), and integration with Cisco Umbrella cloud security.

Integrated Power over Ethernet

Integrated 4-port switch provides 2 PoE ports or 1 PoE+ port to power IP phones, wireless access points, and security endpoints.

Cisco SD-WAN Ready

Supports robust SD-WAN software capability for dynamic application-aware routing, cloud optimization, and zero-touch deployment.

HARDWARE SPECIFICATIONS

COMPONENT / INTERFACE	TECHNICAL SPECIFICATION
WAN Interfaces	1x Dedicated RJ-45 GbE + 1x Combo Port (RJ-45 / SFP GbE)
LAN Switch Ports	4x Managed Gigabit Ethernet Ports (RJ-45)
PoE Capabilities	2 Ports 802.3af PoE (up to 30W total) or 1 Port 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 C1111-4P utilizes a multicore architecture to separate execution of control, data, and security processing functions to maintain steady throughput.

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: 30 Watts (with full PoE payload) PoE Budget: 30 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 C1111-4P: Cisco 1100 Series ISR 4-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.
