C1101-4P Datasheet

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Overview

Cisco 1100 Series Integrated Services Router (ISRs) delivers Cisco IOS® XE Software, providing WAN, comprehensive security, wired and wireless access in a single, high-performance platform. Cisco 1100 Series ISR is ideal for Small and Medium enterprise branch offices. The C1101-4P is the ISR 1101 4 Ports GE Ethernet WAN Router.

Quick Spec

Table 1 shows the quick spec.

Model	C1101-4P
WAN GE	1
WAN GE/SFP combo	N/A
ADSL2/VDSL2+	N/A
LTE Advanced (CAT6)	N/A
802.11ac	N/A
LAN GE	4
PoE or PoE+	N/A
Integrated USB 3.0 AUX/console	Yes (No AUX)
Pluggable	N/A
Dimensions (H x W x D)	1.1 x 7.5 x 6.0 in. (27.9 x 190.5 x 152.4 mm) (includes rubber feet models)
Weight	1.89 lb (.86kg)

Product Details

Table 2 shows the business benefits

Business need	Features/description
Lightweight, compact size with low power consumption	●Can be deployed in many different environments where space, heat dissipation, and low power consumption are critical factors.
High performance to run concurrent services	●High performance allows customers to take advantage of broadband network speeds while running secure, concurrent data, voice, video, and wireless services.
High availability and business continuity	● Redundant WAN connections for failover protection and load balancing. ● Dynamic failover protocols such as Virtual Router Redundancy Protocol (VRRP; RFC 2338), Hot Standby Router Protocol (HSRP), and Multigroup HSRP (MHSRP).
Consistent, high application performance levels	● The router can run multiple services simultaneously with minimal performance degradation.

Risk mitigation with multilevel security	● Network perimeter security with integrated application inspection firewall. ● Data privacy through high-speed IP Security (IPsec) Triple Data Encryption Standard (3DES), and Advanced Encryption Standard (AES) encryption. ● High-performance VPNs: DMVPN, FlexVPN, GET VPN, EzVPN ● Cisco Umbrella™ security architecture to provide content filtering via category-based URL classification and blocking, thus helping increase productivity and providing better use of company resources. ● Enforced security policy with OpenDNS. ● Security hardware acceleration. ● Trustworthy systems with Field-Programmable Gate Array (FPGA) and hardware anchor. ● Encrypted traffic analytics maintain integrity of encrypted flow
Unified control of wired and wireless networks from a common console for streamlined operations	● Simplifies and centralizes configuration and management of wireless and wireline devices. Supports WLAN services without requiring a wireless LAN controller. ● Supports Mobility Express for WLAN-enabled routers.
Remote configuration and management to keep local IT staff lean	● Supports separate console/auxiliary and USB ports. ● Can be configured to work with optional USB token. ● Supports TR-069.
Performance ● Throughput ● Service reliability	● Crypto performance up to 250 Mbps for 1100-8P and 150 Mbps for 1100-4P. ● A distributed multicore architecture with the industry's first internal services plane. ● Remote installation of application-aware services that run identically to their counterparts in dedicated appliances.
Lower WAN expenditures	● Cisco Software-Defined WAN (SD-WAN) (over the Cisco Application Policy Infrastructure Controller Enterprise Module [APIC-EM]) support for optimized WAN connection.
Pay as you grow: IPsec performance upgrade model	● Router IPsec capacity can be increased with a remote performance-on-demand license upgrade (no hardware upgrade) for exceptional savings andCapEx budget management.
IT consolidation, space savings, and improved Total Cost of Ownership (TCO)	● Single converged branch platform integrates routing, switching, security, and performance management capabilities.
Business continuity and increased resiliency	● The entire 1100 Series supports Power over Ethernet (PoE) and PoE+ power to endpoints.

Supported Products

Table 3 shows the recommended supported products.

Model	Description
SL-1100-4P-APP	AppX License for Cisco ISR 1100 4P Series
C1-SL-1100-4P-APP	AppX Foundation License for Cisco ISR 1100 4P Series
SL-1100-4P-SEC	Security License for Cisco ISR 1100 4P Series
C1-SL-1100-4P-SEC	Security License for Cisco ISR 1100 4P Series
SL-1100-4P-SECNPE	NPE Security License for Cisco ISR 1100 4P Series
GLC-EX-SMD	1000BASE-EX SFP transceiver module, SMF, 1310nm, DOM.
GLC-LH-SMD	GE SFP, LC connector LX/LH transceiver; with DOM.
GLC-SX-MMD	GE SFP, LC connector SX transceiver; with DOM.
GLC-ZX-SMD	1000BASE-ZX SFP; with DOM.
GLC-FE-100ZX	100BASE-ZX SFP (80km).
GLC-BX-D	1000BASE-BX SFP, 1490NM.
GLC-BX-U	1000BASE-BX SFP, 1310NM.

Compare to Similar Item

Table 4 shows the comparison between C1111-4P and C1101-4P.

Model	C1101-4P	C1111-4P
WAN GE	1	1
WAN GE/SFP combo	N/A	1
ADSL2/VDSL2+	N/A	N/A
LTE Advanced (CAT6)	N/A	N/A
802.11ac	N/A	N/A
LAN GE	4	4
PoE	N/A	2
PoE+	N/A	1
Integrated USB 3.0 AUX/console	Yes (No AUX)	Yes

Get More Information

Do you have any question about the C1101-4P?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

C1101-4P Specification	
Description	ISR 1101 4 Ports GE Ethernet WAN Router.
Physical Properties	
Dimensions (H x W x D)	1.1 x 7.5 x 6.0 in. (27.9 x 190.5 x 152.4 mm) (includes rubber feet models)
Weight	1.89 lb (.86kg)
AC Power Input voltage	Universal 100 to 240 VAC
Frequency	50-60 Hz
Maximum output power	30W (default)
Output voltages	12 VDC
Console port	Micro USB console (USB 3.0)
WAN GE	1
LAN GE	4
Default and maximum DRAM	4GB
Default and maximum flash	4GB

Approvals and compliance	Emission 47 CFR Part 15 CISPR 32 Edition 2 EN 300 386 V1.6.1 EN 55032:2012/ AC:2013 EN 55032:2015 EN61000-3-2 2014 EN61000-3-3: 2013 ICES-003 ISSUE 6:2016 KN 32: 2015 V-2/2015.04 V-3/2015.04 TCVN 7189: 2009 CNS13438: 2006 IEC 60950-1 EN 60950-1 UL 60950-1 CSA C22.2 No. 60950-1 Immunity CISPR24: 2010 + A1: 2015 EN 300 386 V1.6.1 EN55024: 2010 + A1: 2015 KN35: 2015 TCVN 7317: 2003
Environmental	
Operating humidity	10% to 85% relative humidity (noncondensing)
Operating temperature	32° to 113°F (0° to 45°C)
Transportation and Storage	
Nonoperating temperature	-4° to 149°F (-0° to 65°C)
Nonoperating humidity	5 to 95% relative humidity (noncondensing)
Nonoperating altitude	0 to 15,000 ft (0 to 4570m)

Download Resource

Support and Resources

📄 **Cisco Integrated Services Routers 1000 Series Datasheet**

Transition Guide

📄 **Guide to Select New Cisco Routers**

📄 **Guide to Upgrade Your ISR G1 and ISR G2 Routers to ISR 4000**

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