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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 C1109-2PLTEVZ is the Cisco ISR1109-2P router, LTE, US.

Quick Spec

Table 1 shows the quick spec.

Model	C1109-2PLTEUS
WAN GE	1
WAN GE/SFP combo	N/A
ADSL2/VDSL2+	N/A
LTE Advanced (CAT6)	N/A
802.11ac	N/A
LAN GE	2
PoE or PoE+	N/A
Integrated USB 3.0 AUX/console	Yes (No AUX)
Pluggable	N/A Same CAT4 technology as PLTE-US
Dimensions (H x W x D)	1.15 x 7.6 x 6.3 in. (29.2 x 193.0 x 160.0mm) (includes rubber feet models)

Product Details

Table 2 shows the business benefits

Business need	Features/description
Lightweight, compact size with low power consumption	<ul style="list-style-type: none"> ● Can be deployed in many different environments where space, heat dissipation, and low power consumption are critical factors.
High performance to run concurrent services	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● The router can run multiple services simultaneously with minimal performance degradation.
Risk mitigation with multilevel security	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Supports separate console/auxiliary and USB ports. ● Can be configured to work with optional USB token. ● Supports TR-069.
Performance <ul style="list-style-type: none"> ● Throughput ● Service reliability 	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Router IPsec capacity can be increased with a remote performance-on-demand license upgrade (no hardware upgrade) for exceptional savings and CapEx budget management.
IT consolidation, space savings, and improved Total Cost of Ownership (TCO)	<ul style="list-style-type: none"> ● Single converged branch platform integrates routing, switching, security, and performance management capabilities.
Business continuity and increased resiliency	<ul style="list-style-type: none"> ● 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
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.

Model	C1109-2PLTEVZ	C1109-2PLTEUS
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ADSL2/VDSL2+	N/A	N/A
LTE Advanced (CAT6)	N/A	N/A
802.11ac	N/A	N/A
LAN GE	2	2
Supported Area	VZ	US

Get More Information

Do you have any question about the C1109-2PLTEUS?

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Specification

C1109-2PLTEUS Specification	
Description	Cisco ISR1109-2P router, LTE, US
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LTE Advanced (CAT6)	N/A
802.11ac	N/A
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Integrated USB 3.0 AUX/console	Yes (No AUX)
Pluggable	N/A Same CAT4 technology as PLTE-US
Dimensions (H x W x D)	1.15 x 7.6 x 6.3 in. (29.2 x 193.0 x 160.0mm) (includes rubber feet models)
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)
Default and maximum DRAM	4GB
Default and maximum flash	4GB
Approvals and compliance	<p>Emission 47 CFR Part 15</p> <p>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</p> <p>Immunity CISPR24: 2010 + A1: 2015 EN 300 386 V1.6.1 EN55024: 2010 + A1: 2015 KN35: 2015 TCVN 7317: 2003</p>
Environmental	
Operating humidity	10% to 85% relative humidity (noncondensing)

Operating temperature	32° to 104°F (0° to 40°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)

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