

Cisco Integrated Services Router 1111 (C1111-8P)

Cisco Integrated Services Router 1111 - Router 8-port switch - 1GbE - WAN ports: 2



The Cisco C1111-8P Integrated Services Router with Cisco IOS XE Software combines wired and wireless internet connectivity and comprehensive security in a single, high-performance device. Lightweight and compact with low power consumption, this business router is an excellent choice for environments where space, heat dissipation and low power consumption are critical factors.

Key Selling Points

- Consistent, high application performance levels
- USB-based console access

Product Features

- PORT COUNT**
8-port managed Gigabit Ethernet switch (4 ports PoE-capable with 2 ports PoE+)
- CONNECTIVITY**
Gigabit WAN and WAN/SFP combo ports with integrated USB 3.0 AUX/console
- SECURITY**
Multi-layer, robust security and high-performance VPNs encrypt all data from the WAN edge to the cloud
- PERFORMANCE**
Business router designed for broadband network speeds while running secure, concurrent data, voice, video and wireless services
- PEACE OF MIND**
1-year limited hardware warranty with 10-day advanced replacement

Main specifications

Product Description	Cisco Integrated Services Router 1111 - router - desktop
Device Type	Router - 8-port switch (integrated)
Enclosure Type	Desktop
WAN Ports Qty	2
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Performance	Encryption throughput: 250 Mbps
Network / Transport Protocol	IPSec, PPPoE, DHCP, DNS, L2TPv3
Routing Protocol	OSPF, IS-IS, RIP-1, RIP-2, BGP, EIGRP, HSRP, DVMRP, VRRP, PIM-SM, static IP routing, IGMPv3, GRE, PIM-SSM, policy-based routing (PBR), MPLS, Bidirectional Forwarding Detection (BFD), RSVP
Remote Management Protocol	SNMP, RMON, CLI, TR-069
Features	CBWFQ, WRED, ACL support, QoS, DMVPN, 2T2R MIMO technology, NetFlow, MRC, IPFIX, CSD, LISP, packet aggregation A-MPDU, packet aggregation A-MSDU, MIB II, AVC, AAA, DFS, ERSPAN, EEM, PoE-upgradable ports
Compliant Standards	IEEE 802.3af, IEEE 802.11i, IEEE 802.3ah, IEEE 802.1ag, IEEE 802.3at, IEEE 802.11r
Power	AC 120/230 V (50 - 60 Hz)
Dimensions (WxDxH)	32.3 cm x 23 cm x 4.2 cm
Weight	2.59 kg

Extended specification

General

Device Type	Router - 8-port switch (integrated)
Enclosure Type	Desktop
Connectivity Technology	Wired

Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Performance	Encryption throughput: 250 Mbps
Network / Transport Protocol	IPSec, PPPoE, DHCP, DNS, L2TPv3
Routing Protocol	OSPF, IS-IS, RIP-1, RIP-2, BGP, EIGRP, HSRP, DVMRP, VRRP, PIM-SM, static IP routing, IGMPv3, GRE, PIM-SSM, policy-based routing (PBR), MPLS, Bidirectional Forwarding Detection (BFD), RSVP
Remote Management Protocol	SNMP, RMON, CLI, TR-069
Encryption Algorithm	DES, Triple DES, SHA, MD5, IKE, ECDSA, 128-bit AES, 256-bit AES, 1024-bit RSA, 2048-bit RSA, 256-bit SHA, 512-bit SHA, 748-bit RSA, 384-bit SHA
Authentication Method	RADIUS
Features	CBWFQ, WRED, ACL support, QoS, DMVPN, 2T2R MIMO technology, NetFlow, MRC, IPFIX, CSD, LISP, packet aggregation A-MPDU, packet aggregation A-MSDU, MIB II, AVC, AAA, DFS, ERSPAN, EEM, PoE-upgradable ports
Compliant Standards	IEEE 802.3af, IEEE 802.11i, IEEE 802.3ah, IEEE 802.1ag, IEEE 802.3at, IEEE 802.11r, CISPR 24, EN 61000-3-2, EN55022, ICES-003, EN 61000-3-3, EN55024, CISPR 22, CB, EN 61000-6-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-6, EN 61000-4-5, EN 61000-4-11, FCC CFR47 Part 15, UL 60950-1 Second Edition, VCCI V-3, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, AS/NZS CISPR 22, CNS 13438, EN 301 489-7, EN 301 489-1, FCC CFR47 Part 22, FCC CFR47 Part 24, CAN/CSA C22.2 No. 60950-1 Second Edition, EN 300 386, EN 301 489-24, EN 301 908-1, EN 301 908-2, EN 301 511, EN 301 908-13
RAM	4 GB
Flash Memory	4 GB
Status Indicators	Status

Expansion / Connectivity

Interfaces	WAN / LAN: 1 x 1000Base-T/1000Base-X - RJ-45/SFP WAN: 1 x 1000Base-T - RJ-45 LAN: 2 x 1000Base-T - RJ-45 LAN: 2 x 1000Base-T - RJ-45 LAN: 4 x 1000Base-T - RJ-45 USB 3.0: 1 x console
------------	---

Power

Power Device	External power adapter
Voltage Required	AC 120/230 V (50 - 60 Hz)
Power Consumption Operational	66 watt

Software / System Requirements

OS Provided	Cisco IOS XE Universal
-------------	------------------------

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	65 °C
Humidity Range Operating	5 - 95% (non-condensing)

Dimensions & Weight

Width	32.3 cm
Depth	23 cm
Height	4.2 cm
Weight	2.59 kg

What's in the box

- What's in the Box
- C1111-8P Router
- Power Supply and Power Cable
- Product Documentation

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet