

Cisco Integrated Services Router 921 (C921-4PLTEGB)

Cisco Integrated Services Router 921 - Router - WWAN 4-port switch - 1GbE - WAN ports: 2



The Cisco 900 Series ISRs deliver integrated security and threat defense, protecting networks from both known and new Internet vulnerabilities and attacks. These powerful, fixed-configuration routers provide secure broadband and Metro Ethernet connectivity. Service providers offering managed Ethernet WAN services can deploy them in customer locations as CPE. Centralized and remote management capabilities are available through web-based tools and Cisco IOS Software for full visibility and control of network configurations at the remote site. The 900 Series ISRs simplify the deployment of Ethernet WAN services, with Administration, and Maintenance (OA&M), Service-Level Agreement (SLA) monitoring and verification, and configuration management.

Key Selling Points

- High availability and business continuity
- Consistent, high application performance levels
- Risk mitigation with multilevel security
- Unified control of wired and wireless networks from a common console for streamlined operations
- Remote configuration and management to keep local IT staff lean

Product Features

- Enhanced security**
With a comprehensive suite of encryption algorithms including 128-bit AES, 192-bit AES, 256-bit AES, DES, Triple DES, PKI, and SSL, the Cisco Integrated Services Router 921 ensures your data remains secure, providing peace of mind in an era where cyber threats are ever-present.
- Robust connectivity**
This router supports a wide range of data link protocols including Ethernet, Fast Ethernet, and Gigabit Ethernet, coupled with an integrated 4-port switch, ensuring high-speed connectivity and network efficiency for your business operations.
- Advanced networking features**
Features such as Access Control List (ACL) support, Cisco IP Service-Level Agreement (IP SLA), Dynamic Multipoint VPN (DMVPN), and Quality of Service (QoS) provide the tools necessary to manage traffic, enhance security, and ensure reliable service delivery across your network.
- Comprehensive management**
Remote management protocols including CLI, HTTP, HTTPS, SNMP 3, SSH, and Telnet, alongside networking standards like IEEE 802.1D/Q/x, enable efficient and flexible network management, catering to a variety of operational needs and technical expertise.
- Durable and compliant**
The Cisco Integrated Services Router 921 adheres to a multitude of compliance standards including AS/NZS 60950-1, EN 60950-1, and FCC CFR47 Part 15, ensuring its reliability and safety for use in diverse operational environments.

Main specifications

Product Description	Cisco Integrated Services Router 921 - router - WWAN - desktop
Device Type	Router - wireless cellular modem - 4-port switch (integrated)
Enclosure Type	Desktop
Mobile Communication Protocol	HSPA+, LTE, FDD LTE
WAN Ports Qty	2
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Network / Transport Protocol	L2TP, RSVP, ICMP/IP, IPSec, FTP, DHCP, DNS, L2TPv3, DDNS, RTP, HTTP, HTTPS, cRTP
Routing Protocol	OSPF, RIP-1, RIP-2, BGP, EIGRP, HSRP, VRRP, NHRP, IGMPv3, GRE, OSPFv3, policy-based routing (PBR), BGP-4+, WCCP, Bidirectional Forwarding Detection (BFD), RSVP, STP, MGRE
Remote Management Protocol	Telnet, SNMP 3, HTTP, HTTPS, SSH, CLI
Features	NAT support, auto-uplink (auto MDI/MDI-X), IGMP snooping, DiffServ support, MAC address filtering, LLQ, CBWFQ, WFQ, ACL support, QoS, LFI, DMVPN, DHCP server, VRF-Lite, DNS proxy, DHCP relay, DHCP client, MIB, NDP, VPN Server, FNF, DSCP support, Storm Control, SmartPort technology, VPN client, HQoS, SPAN, EEM, MHSRP, NBAR, NBAR 2, Pfr, CBTS, CBTP, CBWRED, Cisco IP SLA, Cisco NG PnP Protocol
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1x
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	22.86 cm x 24.13 cm x 4.32 cm
Localisation	Europe
Manufacturer Warranty	1-year warranty

Extended specification

General	
Device Type	Router - 4-port switch (integrated)
Enclosure Type	Desktop
Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Network / Transport Protocol	L2TP, RSVP, ICMP/IP, IPSec, FTP, DHCP, DNS, L2TPv3, DDNS, RTP, HTTP, HTTPS, cRTP
Routing Protocol	OSPF, RIP-1, RIP-2, BGP, EIGRP, HSRP, VRRP, NHRP, IGMPv3, GRE, OSPFv3, policy-based routing (PBR), BGP-4+, WCCP, Bidirectional Forwarding Detection (BFD), RSVP, STP, MGRE
Remote Management Protocol	Telnet, SNMP 3, HTTP, HTTPS, SSH, CLI
Encryption Algorithm	DES, Triple DES, AES, SSL, PKI, 128-bit AES, 192-bit AES, 256-bit AES
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	NAT support, auto-uplink (auto MDI/MDI-X), IGMP snooping, DiffServ support, MAC address filtering, LLQ, CBWFQ, WFQ, ACL support, QoS, LFI, DMVPN, DHCP server, VRF-Lite, DNS proxy, DHCP relay, DHCP client, MIB, NDP, VPN Server, FNF, DSCP support, Storm Control, SmartPort technology, VPN client, HQoS, SPAN, EEM, MHSRP, NBAR, NBAR 2, PIR, CBTS, CBTP, CBWRED, Cisco IP SLA, Cisco NG PnP Protocol
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1x, EN 61000-6-1, AS/NZS 60950-1, FCC CFR47 Part 15, UL 60950-1, IEC 60950-1, EN 60950-1, VCCI V-3, KN24, EN 55024:2010, CNS13438:2006, EN 61000-3-2:2006, EN 61000-3-3:2008, EN 300 386 V1.6.1, CISPR 24:2010, CISPR 22:2008, TCVN 7189, EN 55032, CAN/CSA-C22.2 No. 60950-1, TCVN 7317, KN22:2009, ICES-003:2012 Issue 5, EN 300 386
Processor	2.2 GHz
RAM	1 GB
Flash Memory	2 GB
Status Indicators	Status

Expansion / Connectivity

Interfaces	WAN: 2 x 10Base-T/100Base-TX/1000Base-T - RJ-45 LAN: 4 x 10Base-T/100Base-TX/1000Base-T - RJ-45 Management: 1 x console - RJ-45 USB 2.0: 1 x 4 pin USB Type A
Expansion Slots	1 (total) / 1 (free) x SIM

Manufacturer Warranty

Service & Support	Limited warranty - advance parts replacement - 1 year - response time: 10 days
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Miscellaneous

Localisation	Europe
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Power

Power Device	Internal power supply
Voltage Required	AC 120/230 V (50/60 Hz)

Software / System Requirements

OS Provided	Cisco IOS IP Base
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 95% (non-condensing)

Communications

Type	Wireless cellular modem
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Mobile Communication Protocol

HSPA+, LTE, FDD LTE

Dimensions & Weight

Width	22.86 cm
Depth	24.13 cm
Height	4.32 cm

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