

CISCO 815

INTEGRATED SERVICE ROUTER

FEATURES

- Integrated cable modem based on DOCSIS 2.0
- Optional hardware-based IPsec encryption for secure VPN connectivity (Cisco 815-VPN)
- One Fast Ethernet 10/100BASE-TX WAN port with autosensing and IEEE 802.1q virtual LAN (VLAN) support
- Integrated four-port, 10/100 Ethernet switch, fully manageable with IEEE 802.1q VLAN support
- Auxiliary (AUX) port (up to 115.2 Kbps asynchronous serial) for analog dial backup or out-of-band management



PRODUCT SPECIFICATIONS

GENERAL

RAM	64 MB
Flash Memory	32 MB
Status Indicators	Port status, power, link/activity
Encryption Algorithm	DES, Triple DES
Routing Protocol	OSPF, RIP-1, RIP-2, BGP, EIGRP, IGMPv2, HSRP, GRE
Manufacturer	Cisco

POWER DEVICE

Nominal Voltage	AC 120/320 V
Frequency Required	50/60 Hz
Power Consumption Operational	20 Watt
Type	External Power Adapter

MODEM

Type	Cable Modem
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PRODUCT SPECIFICATIONS

NETWORKING

Form Factor	Desktop
Type	Router
Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet
Network / Transport Protocol	IPSec, L2TP
Features	DHCP support, Intrusion Prevention System (IPS), MPLS support, NAT support, PAT support, URL filtering, VLAN support, VPN support, auto-negotiation, auto-sensing per device, firewall protection, hardware encryption

Compliant Standards	IEEE 802.1Q
Routing Protocol	BGP, EIGRP, GRE, HSRP, IGMPv2, OSPF, RIP-1, RIP-2
Switching Protocol	Ethernet
Remote Management Protocol	HTTP, SNMP 3, Telnet

MISCELLANEOUS

Encryption Algorithm	DES, Triple DES
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INTERFACE PROVIDED

Type	Management, Modem, Network, Serial
Interface	Ethernet 10 Base-T / 100 Base-TX, HFC, Auxiliary, Console
Quantity	1, 4
Connector Type	F connector, RJ-45
WAN / DMZ	WAN

RAM

Installed Size	64 MB
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SOFTWARE / SYSTEM REQUIREMENTS

Type	Cisco IOS
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PRODUCT SPECIFICATIONS

ENVIRONMENTAL PARAMETERS

Min Operating Temperature	32°F
Max Operating Temperature	104°F
Humidity Range Operating	10-85%

HEADER

Brand	Cisco
Product Line	Cisco
Model	815
Packaged Quantity	1
Compatibility	PC

DIMENSIONS & WEIGHT

Width	11.2 in.
Depth	8.7 in.
Height	3.1 in.
Weight	2.91 lbs.

SOFTWARE

Type	Cisco IOS Advanced IP Services
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OS PROVIDED

Type	Cisco IOS
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GENERAL

Manufacturer	Cisco
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