

Cisco Router ASR 1000 Series C1-ASR1002-HX/K9

Model: C1-ASR1002-HX/K9 | Brand: CISCO

Product Overview

Cisco 1000 Series ASR platform with the ASR1002-HX model.

Product page: <https://www.linknewnet.com/products/c1-asr1002-hx-k9>

Quick Specifications

Attribute	Value
Default memory	16-GB DRAM shared across route processor, ESP, and MIP
Shared port adapters	N/A
Ethernet port adapters	1 EPA slot
Cisco ASR 1000 Series ESP	Integrated in chassis
Route processor	Integrated in the chassis: Cisco ASR 1002-HX Series Route Processor
Redundancy	Software: Yes
Built-in Gigabit Ethernet ports	Yes: 8 Gigabit Ethernet SFP ports
Built-in 10 Gigabit Ethernet port	Yes: Eight 10 Gigabit Ethernet Small Form-Factor Plus Pluggable (SFP+) ports Note: Built-in 10-GB ports cannot be reduced to 1-GB speed.
Network interface module	Yes
ESP support	Cisco ASR 1000 Series 100-Gbps ESP (ASR1000-ESP100) equivalent
ESP bandwidth	100 Gbps
ESP memory	Share the same control memory on route processor
SIPs and Ethernet line cards	Integrated in chassis: not upgradable
Embedded hardware-based encryption	Yes: Up to 25-Gbps crypto support throughput
Minimum Cisco IOS XE Software release	Cisco IOS XE Software Release 16.2.1S
Rack-mounting	Yes: 19-inch
Wall-mounting	No
External USB flash memory	1-GB USB flash-memory support
Redundant power supply	Yes: Dual power supplies by default; option of either AC or DC power supply Note: A mix of one AC and one DC power supply is not supported.
Power input	Worldwide ranging AC input range (85 to 264 VAC) Worldwide ranging DC (-40 to -72; -48V nominal)
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Replacement / Alternative Options

If the C1-ASR1002-HX/K9 is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

Model	Specification
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C1-ASR1001-HX/K9	Cisco 1000 Series ASR platform with ASR1001-HX model.
C1-ASR1001-X/K9	Cisco 1000 Series ASR platform with built-in Gigabit Ethernet port, 6 x SFP ports, and 2 x SFP+ ports.

Request availability: [Ask for current stock](#) of C1-ASR1002-HX/K9 or its alternatives.

Buying from LinkNewNet

Every unit is [fully tested](#) (ports verified, firmware validated) and covered by [warranty](#).