

Cisco Router ASR 1000 Series ASR1001X-20G-K9

Model: ASR1001X-20G-K9 | Brand: CISCO

Product Overview

ASR1001-X router with 20G Base Bundle, K9, AES, built-in 6x1G, and 2x10G.

Product page: <https://www.linknewnet.com/products/asr1001x-20g-k9>

Quick Specifications

Attribute	Value
Default memory	8-GB DRAM shared across route processor, ESP, and SIP
Shared port adapters	1 single-height SPA slot
Ethernet port adapters	N/A
Cisco ASR 1000 Series ESP	Integrated in chassis
Route processor	Integrated in the chassis: Cisco ASR 1001-X Series Route Processor with Quad Core Processor
Redundancy	Software: Yes
Built-in Gigabit Ethernet ports	Yes: 6 Gigabit Ethernet Small Form-Factor Pluggable (SFP) ports
Built-in 10 Gigabit Ethernet port	Yes: Two 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
Cisco ASR 1000 Series	Cisco ASR 1001-X
ESP support	Cisco ASR 1000 Series 2.5-Gbps ESP (default) Upgradable through a software-activated feature license to 5, 10, or 20 Gbps
ESP bandwidth	2.5 to 20 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 8-Gbps crypto support throughput
Minimum Cisco IOS XE Software release	Cisco IOS XE Software Release 3.12.0
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.
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Replacement / Alternative Options

If the ASR1001X-20G-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
ASR1000-2T+20X1GE=	ASR1000 2-port 10GE. 20-port GE Line Card
ASR1000-6TGE=	ASR1000 6 port 10 GE Line Card

Request availability: [Ask for current stock](#) of ASR1001X-20G-K9 or its alternatives.

Buying from LinkNewNet

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