Forwarding Rate
Up to 8 Mpps with ESP-10/ up to 30 Gbps

Airflow
Front to Back

Scalability
5 Gbps to 36 Gbps

ESP Bandwidth
5 to 36 Gbps

Route Processor Slots
Integrated

Integrated Daughter Card (IDC)
No

ESP Support
Cisco ASR 1002-X ESP with 5-Gbps (default). Upgradable through software-activated feature license to 10, 20, or 36 Gbps

Shared Port Adapters
3

Number of SFP Built-In GE Ports
6

Operating Altitude
-500 to 10,000 feet (-152 to 3028 m)

Rack Units
2 RU

Targeted For
Enterprise WAN or Internet edge, managed services, service provider

Built-in Gigabit Ethernet Ports:
4

Storage Temperature
-40 to 150 F (-40 to 70 C)

External USB Flash Memory
4-GB USB flash-memory support

Crypto Performance
Up to 4 Gbps with ESP-10/ up to 4 Gbps

Storage Humidity
5 to 95% (non-condensing)

Redundancy
Yes: Software

Shared Port Adapter Slots
42066

Weight
38.25 lb (17.36 kg)

Operating Humidity (Short-Term)
5 to 90% (non-condensing)

Default Memory
4-GB DRAM shared across route processor, ESP, and SIP

Number of SPA Interface Processors (SIPs) Supported
Integrated

Operating Humidity
10 to 85% (non-condensing)

Operating Temperature
32 to 104 F (0 to 40 C)

Redundant Power Supply
Yes; Dual AC or DC

Embedded Services Processor Slots

Integrated

Operating Temperature (Short-Term)
32 to 122 F (0 to 50 C)