



Cisco ASR 1001-X Router Specifications

This appendix provides the Cisco ASR 1001-X Router specifications.

- [Cisco ASR 1001-X Router Specifications, on page 1](#)

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[Table 1: Cisco ASR 1001-X Router Specifications](#), on page 1 lists the Cisco ASR 1001-X Router physical specifications.



Note The Cisco ASR 1001-X Router has the route processor, embedded services processor, and **SIP** integrated in the chassis.

Table 1: Cisco ASR 1001-X Router Specifications

Description	Specification
Dimensions (H x W x D)	Height—1.71 in. (43.43 mm) Width—17.3 in. (439.42 mm) Depth—22.50 in. (571.5 mm) including card handles, cable-management brackets, and power supply handles
Weight	25 lb fully loaded
Nominal operating temperature	0° to 40° C
Short-term operating temperature	0° to 50° C
Nominal operating humidity	10 to 90% relative humidity
Short-term operating humidity	5 to 90%
Storage temperature	–20° to +70° C

Description	Specification
Power consumption	<ul style="list-style-type: none"> • Maximum (DC): 242 W • Maximum (AC): 250 W • Maximum (Out): 250 W

Cisco ASR 1001-X Router Memory and Storage Options

Table 2: Memory and Storage Options for Cisco ASR 1001-X Router , on page 2 lists the hardware memory and storage options supported on the Cisco ASR 1001-X Router.

Table 2: Memory and Storage Options for Cisco ASR 1001-X Router

Memory Type	Default	Maximum System Support
ESP	4 GB DRAM	4 GB DRAM
Route Processor	The Cisco ASR 1001-X Router comes with 8 GB DRAM (default)	16 GB DRAM maximum
External USB flash memory	The Cisco ASR 1001-X Router supports two USB flash memory secure tokens	—
SSD ¹	Two 400-GB SATA SSD	—

¹ Solid State Drive