

# Refurbished CISCO ASR1001-X Datasheet

CISCO > ROUTERS

## Cisco ASR 1000 Series Aggregation Services Routers

### Features and benefits of Cisco ASR 1000 Series Routers

#### High availability

<b>Redundant hardware components and power supplies</b>	These components provide system and business continuity. The ASR 1006, ASR 1006-X, ASR 1009-X, and ASR 1013 have redundant route processors and ESPs. The ASR 1001-X, ASR 1002-X, ASR 1001-HX, ASR 1002-HX, and ASR1004 have redundant instances of Cisco IOS XE Software.
<b>Stateful intrachassis redundancy</b>	Redundant hardware combined with modular software contains faults to prevent system wide failure. Redundancy across routers is enabled by pairing routers that act as backup for each other. The routers offer 99.999-percent ("five-nines") availability for consistent, high-performance user application experiences.
<b>In-Service Software Upgrade (ISSU) support</b>	You don't need to schedule downtime windows; changes are made while the system keeps on working, with nonstop routing availability.

#### Scalable capacity and throughput

<b>Cisco Flow Processor-based platform</b>	Advanced services can operate at high speeds without the need for additional hardware or blades.
<b>Hardware acceleration</b>	Features such as Quality of Service (QoS), cryptography, and Access Control Lists (ACLs) are processed in hardware.

#### Investment protection

<b>Software modularity</b>	You can mix and match the services that best meet your business needs; you won't "waste" investments on capabilities you don't need.
<b>Pay-as-you-grow licensing with "-X" models</b>	When you need greater throughput, you simply activate it with a change in software license, rather than having to expend capital for additional hardware.
<b>Cisco Shared Port Adapters (SPAs)</b>	You can reuse your investment in network I/O across platforms.
<b>Cisco Network Interface Modules (NIMs)</b>	You can reuse your investment in network I/O across platforms.

## The next steps...

**ORDER NOW**

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