

# Gulf Region Carrier-Grade Router 400G



## Overview

The AGR560 is engineered with the Broadcom StrataDNX™ Jericho2c+ silicon leveraging external TCAMs. This platform targets use cases including 100GbE to 400GbE large aggregation router, Provider Edge (PE) router, or data center switch/router with high scalability. Only Juniper can help you unleash the full potential of Wi-Fi 7 with our AI-Native platform for innovation. Juniper's AI data center solution is a quick way to deploy high performing AI training and inference networks that are the most flexible to design and easiest to manage with limited IT. The AGR560 is a high-performance 400GbE aggregation router that consists of fixed 12 x 400G QSFP-DD (23 W) and 24 x 100G QSFP28 (6.5 W) network interfaces in a 2RU compact design that can be deployed as a standalone router. The S9710-76D can be deployed as a standalone device or within a core switching cluster as a "line card" element within the distributed. The Cisco® ASR 9000 Series 5th Generation 400 Gigabit Ethernet Enhanced Multi-Rate Line Card delivers industry-leading high density, with line-rate 1, 10, 25, 40, and 100 Gigabit Ethernet (GE) ports, to any slot of a Cisco ASR 9000 Series Aggregation Services Router. This multi-rate line card is.



## Article Content

What are 400G edge routers?

At the core of our 400Gbit/s edge router solution is Activator, a software-based network operating system (NOS) that transforms Adtran aggregation switches into carrier-grade edge routers.

ETX-2i 400G Carrier Ethernet Demarcation for AI Networks | RAD

An advanced 400G Carrier Ethernet demarcation and aggregation device designed to deliver SLA-based, high-performance networking services for massive data transfer across data centers, ...

S9710-76D

As a standalone router, the S9710-76D can be deployed at the edge network to enable transport services over a scalable next generation Telecom network. It is also suitable for central office data ...

HPE Networking routers: High-performance, programmable, and ...

Modular 13U router offering up to 230.4 Tbps throughput with support for 400G and 800G interfaces. Features inline MACsec encryption, SRv6, and advanced automation ideal for high-capacity core ...

Cisco ASR 9000 Series 5th Generation 400 Gigabit Ethernet ...

With these capabilities, the ASR 9000 Series line card (Figure 1) and routers provide the fundamental infrastructure for scalable Carrier Ethernet and IP/Multiprotocol Label Switching ...

The 400GE inflection point

Fortunately, rapid advances in silicon are fueling a new generation of pluggable coherent 400G router optics that close the port density gap with conventional gray client optics (Figure 1).

400G Solutions

For the most demanding environments the 400G routing and switching platforms provide flexibility and choice for large scale cloud, leaf and spine, routing transformation and hyperscale IO intensive ...

HPE Networking routers: High-performance, ...

Modular 13U router offering up to 230.4 Tbps throughput with support for 400G and 800G interfaces. Features inline MACsec encryption, SRv6, and advanced ...

400G & 800G Solutions | HPE Juniper Networking US

Experience high-density, high-capacity access and aggregation routers supporting 400G and 800G cloud-scale port density with ZR/ZR+ pluggable coherent optics transceiver technology.

## Contact Us

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