

# Rebranded Carrier-Grade Router 400G



## Overview

Providing up to 400G/1T line cards and 400G 2+8 clustering, these routers have the industry's largest capacity. They also feature the industry's lowest power consumption thanks to their energy-efficient and environmentally-friendly design, allowing low-carbon networks to. Juniper's Ai-Native routing solution delivers robust 400GbE and 800GbE capabilities for unmatched performance, reliability, and sustainability at scale. Gartner® has named Juniper a Leader in the 2025 Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure. Visit our lab in Sunnyvale. 400Gbit/s edge routers are high-capacity devices positioned at the network edge to forward traffic at speeds of up to 400Gbit/s. The edge is where access networks, such as fiber broadband and mobile backhaul, link to aggregation and core networks, connecting end users to high-capacity core routing. 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 AGR560 is engineered with the Broadcom StrataDNX™ Jericho2c+ silicon. The Cisco® ASR 9000 Series 400G (Figure 1) and 200G Modular Line Cards provide

customers with a highly flexible solution.

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Cisco ASR 9000 Series line cards and routers are designed to provide the fundamental infrastructure for scalable Carrier Ethernet and IP/MPLS networks, supporting profitable business, ...



Juniper's MX304 Universal Routing Platform helps network operators scale effectively with optimized form factor, carrier-grade platforms, and multiservice edge features.



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 ...



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Edgecore AS9947-36XKB (7.2 Tbps) and UfiSpace S9610-36D (14.4 Tbps) carrier-core routers on OcNOS-SP — Broadcom Jericho 2C+ with deep buffer and 400G ZR.



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 ...



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.



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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 ...



The SDN-enabled MX2010 Universal Routing Platform is a high-capacity, carrier-grade, multiservice edge platform with extensive automation capabilities that enables operators to address long-term ...

## Contact Us

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