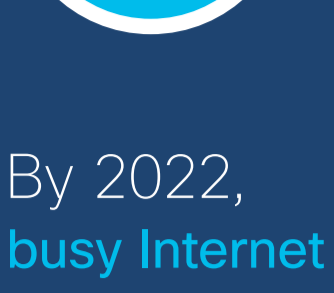
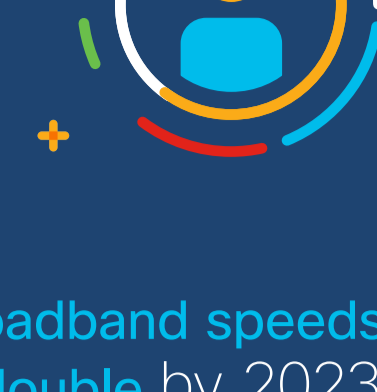


With ASR 9000, innovation never ends

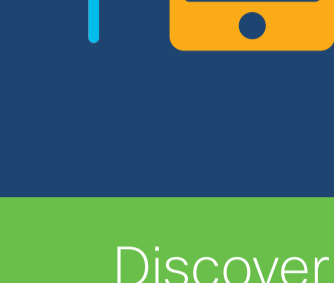
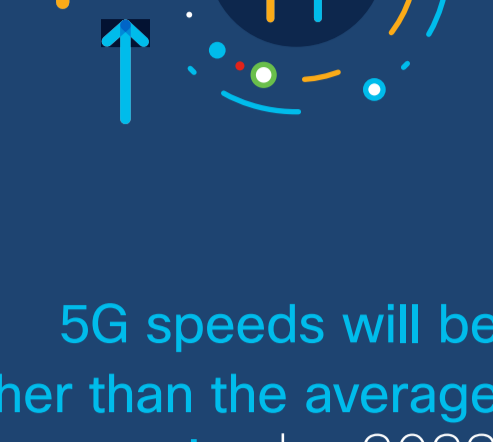
Traffic growth continues unabated

By 2023,  
66% of the global population  
will be connected to the Internet  
up from 51% in 2018



Fixed broadband speeds  
will more than double by 2023

By 2022,  
busy Internet traffic will be nearly  
6x greater than average traffic



5G speeds will be  
13x higher than the average  
mobile connection by 2023

Discover the new additions to ASR 9000 portfolio

Powered by the  
5<sup>th</sup> generation of custom silicon



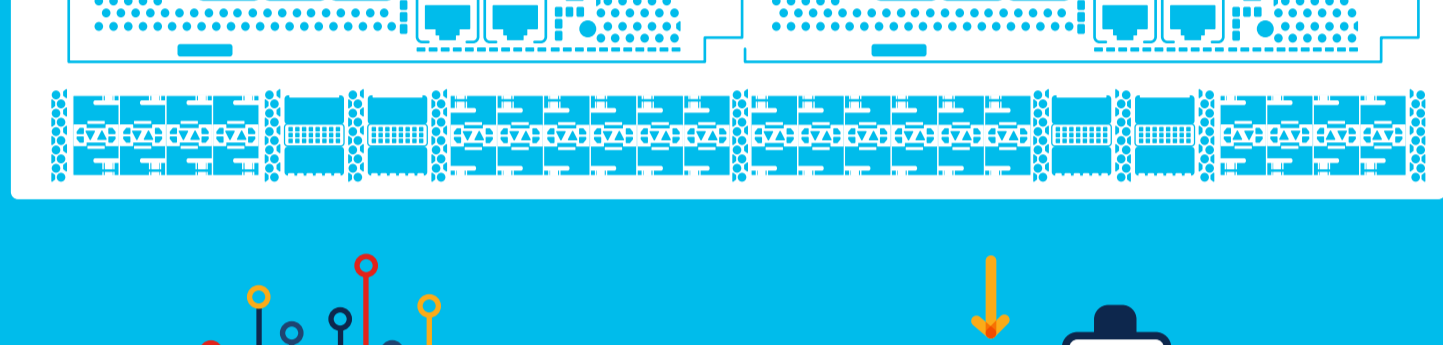
Less than 0.4 Watts/Gbps

New geometry: 7nm

Designed for delivering edge features at scale

New Compact Chassis

### ASR 9902

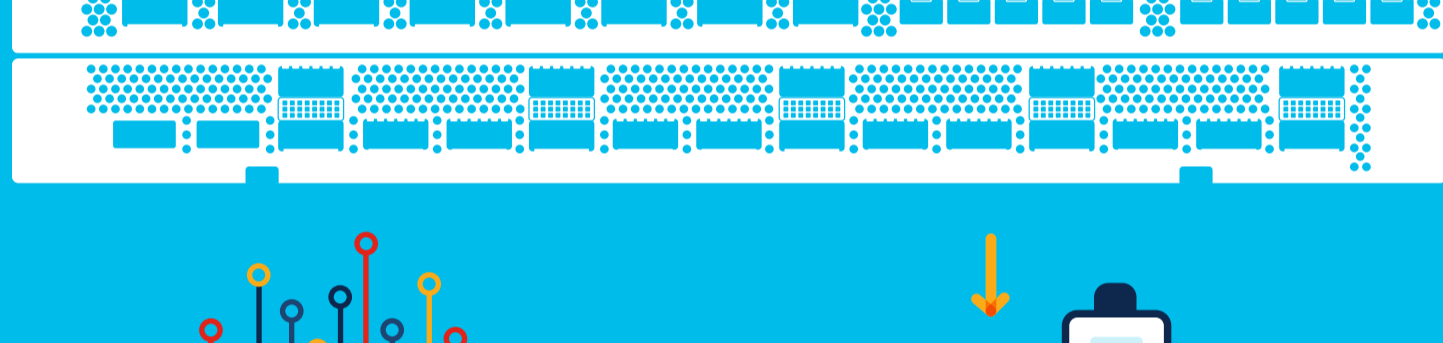


800Gbps in 2RU

8x100GbE/15x25GbE/40x10GbE  
(no oversubscription)

0.4 Watts/Gbps

### ASR 9903



3.6 Tbps in 3RU

16x100GbE ports or  
15x100GbE + 10x10GbE or  
14x100GbE + 20x10GbE

0.4 Watts/Gbps

Two types of port expansion cards:

5 multi-rate 400GbE and 20x100GbE  
(no oversubscription)

**A9903-20HG-PEC:**

2Tbps port expansion card

32x10/25GbE and 16x10GbE  
(no oversubscription)

**A9903-8HG-PEC:**

800Gbps port expansion card

New line cards

**A99-10X400GbE-X-TR/SE**

Up to 10x400GbE ports  
with MACSec support on all ports

**A9K-4HG-FLEX-TR/SE**

Up to 4x100GbE ports or 16x25GbE ports  
or even 40x10GbE ports

ZR/Open ZR+ pluggable coherent optics ready

10+ years of technology innovations

Platform diversity to address  
evolving customer needs

- Wide range of platform capacity—from 120G up to 80T
- Diversity of Port speeds—10/25/40/100/400GbE

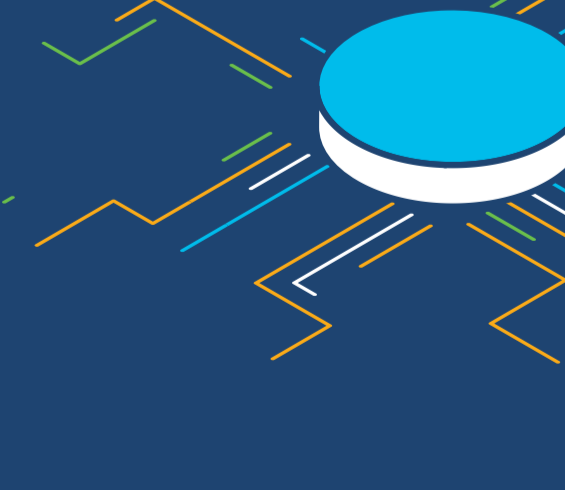


Modern networking stack to simplify  
network design and operations

- Segment Routing - SR MPLS and SRv6
- EVPN
- Advanced programmability

Routed Optical Networking to  
collapse IP and Optical networks

- 100G ZR and 400G ZR/Open ZR+ support
- Crosswork Network Controller



Increased Security posture  
to protect critical infrastructures

- Trustworthy platforms
- MACSec

Primary Use Cases

Service Edge

Core

Peering

Adopted by service providers and enterprise customers

Learn more

<https://www.cisco.com/go/ASR9000>