

Is your network ready to handle massive traffic growth?

#1 More Internet users

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



#2 More AR/VR traffic

By 2022, VR/AR traffic will increase 12-fold



#3 More Internet traffic

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



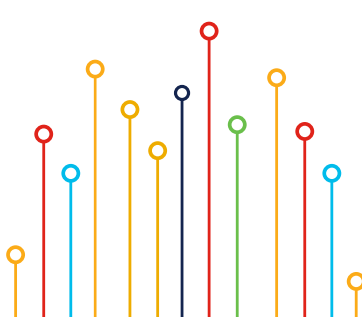
#4 5G adoption

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



Discover the Cisco 8000 Series 100GbE and 400GbE connectivity at mass scale

Fixed chassis

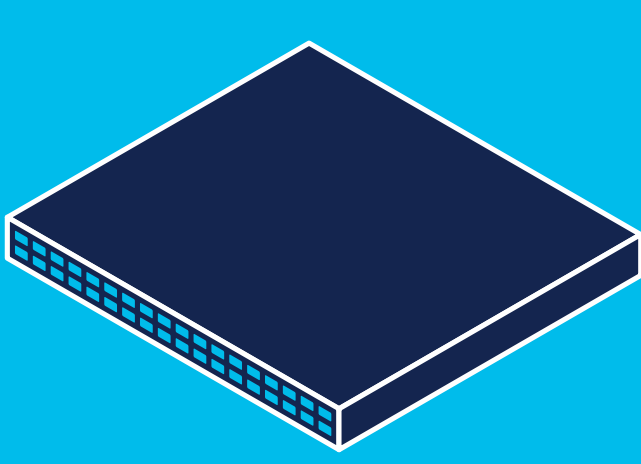


10.8Tbps network bandwidth

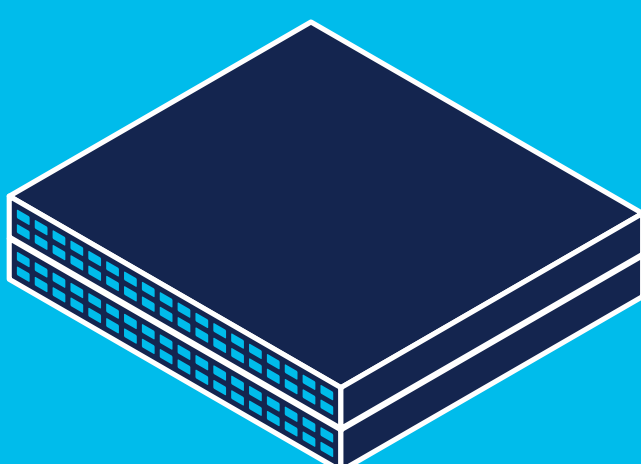


Power efficiency: 4Watts/100G

1 RU



2 RU



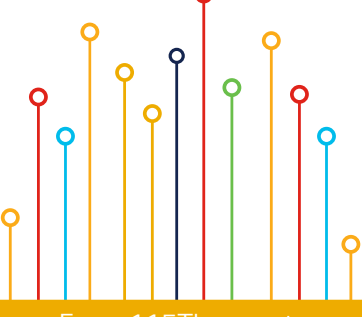
Cisco 8201

24 QSFP56-DD 400 GbE + 12 QSFP28 100 GbE

Cisco 8202

12 QSFP56-DD 400 GbE + 60 QSFP28 100 GbE

Modular chassis



From 115Tbps up to 259Tbps network bandwidth



Power efficiency: 11 Watts/100G

8 RU



12 RU



18 RU



Line cards



36-port QSFP56-DD 400 GbE line card



48-port QSFP28 100 GbE line card

Powered by Cisco Silicon One Q100

1st routing silicon to break the 10Tbps barrier

2x bandwidth and 3x packet-per-second over current routing silicon

2x more power efficient

Deep buffers

P4 programmable

Global route scale: 6 millions IPv4 routes/ 3 millions IPv6 routes

Primary Use Cases

Core routing

Cloud scale WAN aggregation

Peering

Adopted by major cloud and service providers

STC

Comcast

NTT Communications

Microsoft