Is your network ready to handle massive traffic growth?

More Internet users

More AR/VR traffic

More Internet traffic

5G adoption

VR/AR traffic will increase by 2022.

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

By 2023, 5G speeds within 5 square kilometer will be 6X greater than average mobile connection by 2023.

By 2022, busy Internet traffic will be nearly 13 times higher than average traffic.

Discover the Cisco 8000 Series

100GbE and 400GbE connectivity at mass scale

Fixed chassis

Modular chassis

Power efficiency: 11 Watts/100GbE

Power efficiency: 4 Watts/100GbE

1 RU

Cisco 8201

2 RU

Cisco 8202

12 RU

Cisco 8203

18 RU

Cisco 8204

Power supply

Power supply

Line cards

3 RU

36-port QSFP-DD 400 GbE line card

4 RU

48-port QSFP28 100 GbE line card

6 RU

12 RU

12 QSFP56-DD 400 GbE

60 QSFP28 100 GbE

18 RU

24 QSFP56-DD 400 GbE

60 QSFP28 100 GbE

Primary Use Cases

Core routing

Cloud scale WAN aggregation

Fanning

Adopted by major cloud and service providers

Cisco 8000 Series Routers

More AR/VR traffic

More Internet users

Fixed chassis

Modular chassis

10.8Tbps network bandwidth

1st routing silicon to break the 10Tbps barrier

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

P4 programmable

Global route scale:

6 millions IPv4 routes/ 3 millions IPv6 routes

2x more power efficient

Deep buffers

1 RU

2 RU

18 RU

Cisco 8000 Series

100GbE and 400GbE connectivity at mass scale