

Spectrum Open Ethernet Switch Positioning

10/25/40/50/100G

SN2700

32x100GbE ports
(64x50GbE)
Ideal for 100GbE ToR or aggregation

SN2410

8x100GbE + 48x25GbE
25GbE → 100GbE ToR
33% Higher uplink capacity

SN2100

16x100GbE ports
Ideal for storage and database applications
Highest 25G RU density

SN2010

18x10/25 GbE +
4x40/100GbE
Ideal for storage and HCI applications



10/40/100G

SN2700B

32x40GbE
Ideal 40GbE ToR or aggregation

SN2410B

8x100GbE + 48x10GbE
10GbE → 100GbE ToR
33% Higher uplink capacity

SN2100B

16x40GbE ports
Ideal for storage or database applications
Highest 10G RU density



- Predictable Performance
- Fair Traffic Distribution for Storage and Cloud
- Best-in-Class Throughput, Latency, and Power
- Zero Packet Loss for Deterministic Data Delivery

Optimal Speed/Configuration

Model	RU	100GE optimized	50GE optimized	40GE optimized	25GE optimized	10GE optimized	1GE optimized
SN2010*	1RU	18x10/25GbE + 8x50GbE	18x10/25GbE + 8x50GbE	18x10/25GbE + 4x40GbE	18x25GbE	18x10GbE	18x1GbE
SN2100B*	1 RU			16x40GbE		64x10GE	16x1GbE
SN2100*	1 RU	16x100GbE	32x50GbE	16x40GbE	64x25GbE	64x10GE	16x1GbE
SN2410B	1RU	48x10GbE + 8x100GbE	48x10GbE + 16x50GbE	48x10GbE + 8x40GbE		48x10GbE + 8x100GbE	48x1GbE + 8x40GbE
SN2410	1RU	48x10/25GbE + 8x100GbE	48x10/25GbE + 16x50GbE	48x10/25GbE + 8x40GbE	48x25GbE + 8x100GbE	48x10GbE + 8x100GbE	48x1GbE + 8x100GbE
SN2700B	1RU			32x40GbE		64x10GE	32x1GbE
SN2700	1 RU	32x100GbE	64x50GbE	32x40GbE	64x25GbE	64x10GE	32x1GbE

* Half rack width, two can be deployed in a standard rack unit.

Delivering the Speed You Need

SN2100



- 1 10GbE link: QSFP to SFP+ cable
- 2 40/100GbE link: QSFP to QSFP cable
- 3 Adding more 10 or 25GbE links: QSFP to 4x SFP+ split cable
- 4 1GbE link: QSA cable adapter + 1GbE Transceiver module
- 5 High Availability

5 2x units side by side in a single 1RU slot

SN2410



5 2x units side by side in a 2 RU slot

Break-out Cables



Single break-out cable!



4 cables @ \$120

EST = \$200



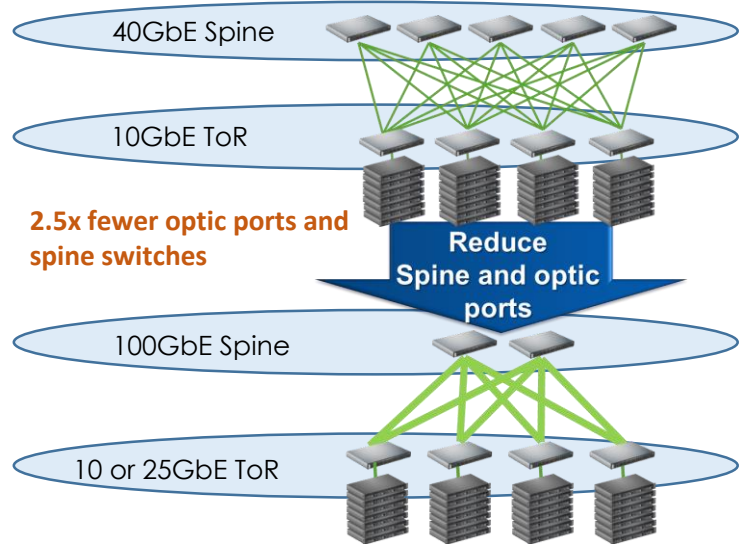
TOTAL = \$480

Equivalent bandwidth

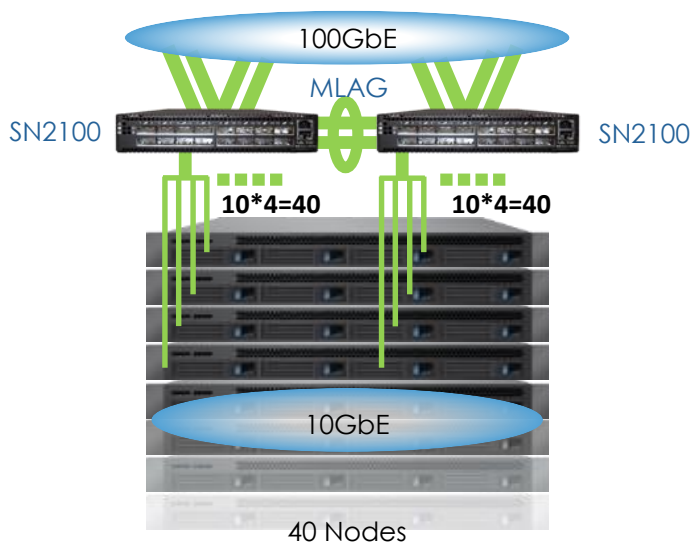
Break- out Cable Benefits

- Easier cable management
- Up to 25% fewer cables
- Up to 60% lowers cost

Economics

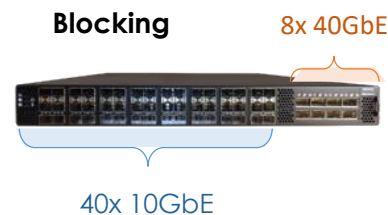


SN2100 - 40 Server Per Rack



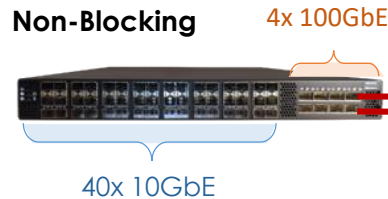
SN2410B - 40 Servers Per Rack

Blocking



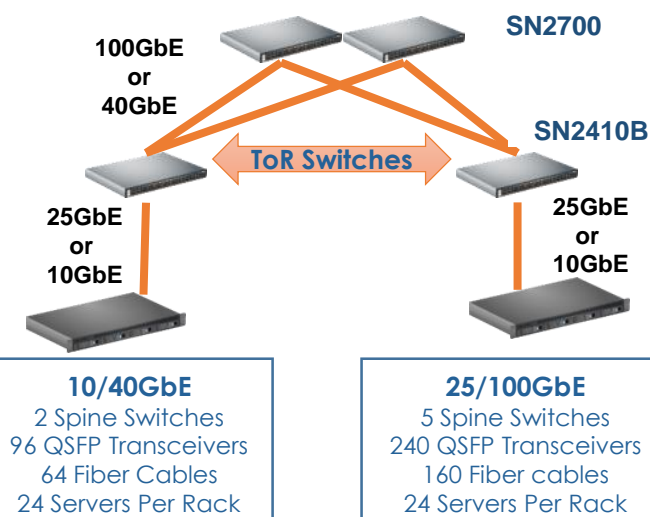
If 2x40GbE for mLAG, uplinks are reduced to 6x40GbE

Non-Blocking



Optional 2x 100GbE For mLAG

ToR Switching to Aggregate Spine



Full HA. 128 Ports in 1RU

