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PRODUCTS

Aurora 820

- ✓ • Intel Xeon-D 1527 CPU
- ✓ • ONIE Pre-loaded
- ✓ • Broadcom Tomahawk3
- ✓ • 32 X 400G

Description

Specification

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Ports	32x 400GbE QSFP-DD ports in 1 RU Up to 128x100G ports via break-out cables 1x RJ-45 out-of-band (10/100/1000) management 1x RJ-45 console (RS232) 1x USB
Front IO	Fan LED System status LED PSU1 status LED PSU2 status LED Reset button
Performance	Switching silicon: 12.8Tbps Broadcom Tomahawk3 BCM56980 Forwarding rate: 8 Bpps Latency: <700 ns (PHY-less) Layer 2: 72K MAC addresses Layer 3: 80K IPv4/v6 host routes Redundancy: 128 x 802.3ad groups; 128-way ECMP Packet Buffer: 64MB Intel® Xeon™ Processor D-1527 16GB DDR4 ECC (up to 32GB) 128GB SSD
BMC	ASPEED AST2400

Power	1300W 1+1 RPSU 80+ Platinum: 100V~240V AC / 50~60Hz 1300W 1+1 RPSU -48V DC (option) Typical power - 700W (with optics)
Cooling	5 N+1 redundant fans Front-to-Back/Back-to-Front airflow
Dimensions (DxWxH)	1U, 550 x 440 x 44 mm Rackmount kit (option)
Environment	Operating temperature: 0~45°C Operating humidity: 20-95% maximum relative humidity (non-condensing)
Warranty	3 year (https://netbergtw.com/top-support/articles/service_and_warranty/)
EMC and safety	FCC, CE, RoHS6
Compatible NOS	Open Network Linux (http://opennetlinux.org), the open-source, OCP reference NOS ICOS (https://netbergtw.com/wp-content/uploads/Files/ICOS_intro.pdf)



(<http://netbergtw.com>)

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