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PRODUCTS

# Aurora 710

- ✓ • Intel Xeon D-1527 CPU
- ✓ • ONIE Pre-loaded
- ✓ • Barefoot Tofino
- ✓ • 32 × 100G
- ✓ • ONL ready

Description

Specification

## Specification

**MSRP** US\$11000 for Aurora 710 bare metal switch preloaded with ONIE (<https://bm-switch.com/index.php/bare-metal-switches/spine-switches/netberg-aurora710-100g-bms.html>)

**Ports** 32x 100/50/40GbE QSFP28 ports in 1 RU  
2x 10G SPF+ ports  
Up to 128x 25/10G SFP28 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

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Performance	Switching silicon: 3.2Tbps Barefoot Tofino DFN-T10-032D Forwarding rate: 2980Mpps Latency: <400 ns (PHY-less) Packet Buffer: 20MB Intel® Xeon® Processor D-1527 8GB DDR4 ECC (up to 16GB) 128GB M.2 SSD
Power	550W 1+1 RPSU 80+ Platinum: 100V~240V AC / 50~60Hz 240V DC  800W 1+1 RPSU -48V DC (option)
Cooling	4 N+1 redundant fans Front-to-Back/Back-to-Front airflow
Dimensions (DxWxH)	1U, 430 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 ( <a href="https://netbergtw.com/top-support/articles/service_and_warranty/">https://netbergtw.com/top-support/articles/service_and_warranty/</a> )
EMC and safety	FCC CB CCC Reduction of Hazardous Substances (RoHS) 6
Compatible NOS	ONIE bootloader and a set of developer tools SONiC

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SONiC

BGP  
ECMP  
LAG  
LLDP  
QoS - ECN  
QoS - RDMA  
Priority Flow Control  
WRED  
COS  
SNMP  
Syslog  
Sysdump  
NTP  
COPP  
DHCP Relay Agent  
SONiC to SONiC upgrade  
One Image  
VLAN  
ACL permit/deny  
IPv6  
Tunnel Decap  
Mirroring  
Post Speed Setting  
BGP Graceful restart helper  
BGP MP  
Fast Reload  
PFC WD  
TACACS+  
MAC Aging  
LACP Fallback  
MTU Setting  
Vlan Trunk  
IPv6 ACL  
BGP/Neighbor-down fib-accelerate  
Port breakout  
Dynamic ACL Upgrade  
SWSS Unit Test Framework (best effort)  
ConfigDB Framework



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