PRODUCTS

Aurora 710

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
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| 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 |
| **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 (https://netbergtw.com/top-support/articles/service_and_warranty/) |
| **EMC and safety** | FCC  
CB  
CCC  
Reduction of Hazardous Substances (RoHS) 6 |
| **Compatible NOS** | ONIE bootloader and a set of developer tools  
SONiC |
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 Trunk
IPv6 ACL
BGP/Neighbor-down fib-accelerate
Port breakout
Dynamic ACL Upgrade
SWSS Unit Test Framework (best effort)
ConfigDB Framework
Address: 2F-1 No.36, Park St., Nangang District, Taipei, 11560 Taiwan R.O.C.
Tel: + 886-2-26537088
Email: sales@netbergtw.com