

## **AMX3200:**

AMX3200 is a next-generation coherent transponder and muxponder with 3.2 Tbps switching capacity, designed for high-capacity optical transport. Its disaggregated, modular design supports flexible NOS options and CFP2-DCO-based coherent wavelengths, ideal for Datacenter Interconnect (DCI) and service provider backhaul.

### **Specifications**

- **Ports:** 16 x QSFP28 ports. Each port supports 1 x 40/100 GbE 2 x SLEDs for CFP2-DCO modules, supports 200G/300G/400G
- **Management Ports on Port Side:** 1 x RJ-45 RS232 console 1 x RJ-45 100/1000BASE-T management 1 x 1G SFP management Micro- USB USB3.0 connector

### **Physical and Environmental**

- **Dimensions (WxDxH):** 438.4 mm x 430 mm x 43.5 mm
- **Operating Temperature:** 0°C to 45°C (32°F to 113°F)
- **Operating Humidity:** 5% to 95% (non- condensing)

### **Power**

- **PSUs:** 1+1 redundant, load-sharing, hot-swappable
- **Input Voltage:** 100-240VAC at 50-60 Hz; -40 to -60 VDC
- **PSU capacity** 1200 W (Max system power consumption 850 W)

### **Key Components**

- **CPU Modules:** Intel® Atom® C Series C3508 DDR4: SO-DIMM 8 GB x 1

(support up to 16GB) SPI Flash: 16MB\*2 m.2 SSD: 128 GB MLC TPM 2.0 enabled

**Switching Capacity:** 3.2 Tbps full duplex

### **AMX3200 Specification: Key Features**

- ❑ 200G/300G/400G high capacity for 1000KM/2000KM long-haul transmission

- ❑ Complies with OIF400ZR, OpenZR+, and OpenROADM industry standards
- ❑ Supports 400G, 300G, 200G, and 100G optical line rates over modulation formats DP-16QAM, DP- 8QAM, DP-QPSK, and dQPDK
- ❑ 4 × 200/300/400G discrete, pluggable network ports up to 16 × 100 GbE/OTU4 (QSFP28)
- ❑ Modular 1RU SLED design
- ❑ Maximum 1.6 Tbps capacity per SLED
- ❑ Supports in-band management ■ Supports DCI, metro networks
- ❑ Supports gearbox, re-timer/crosspoint/2:1 hitless mux