

Aurora's Chassis System Value

For more information, please contact:



www.aurora.com
2803 Mission College Blvd.
Santa Clara, CA 95054
Voice: 408.235.7000
Fax: 408.845.9045

Aurora Networks offers the leading scalable, reliable, and highest capacity-per-fiber optical transport system on the market today. Eight patents have been awarded for our revolutionary chassis, backplates, and combiners. Armed with these advantages, Aurora consistently supplies creative, cost-effective design solutions that provide higher capacity per subscriber and greater flexibility while using significantly fewer components (increasing reliability and lowering OpEx) than competing solutions.

Solutions and Applications

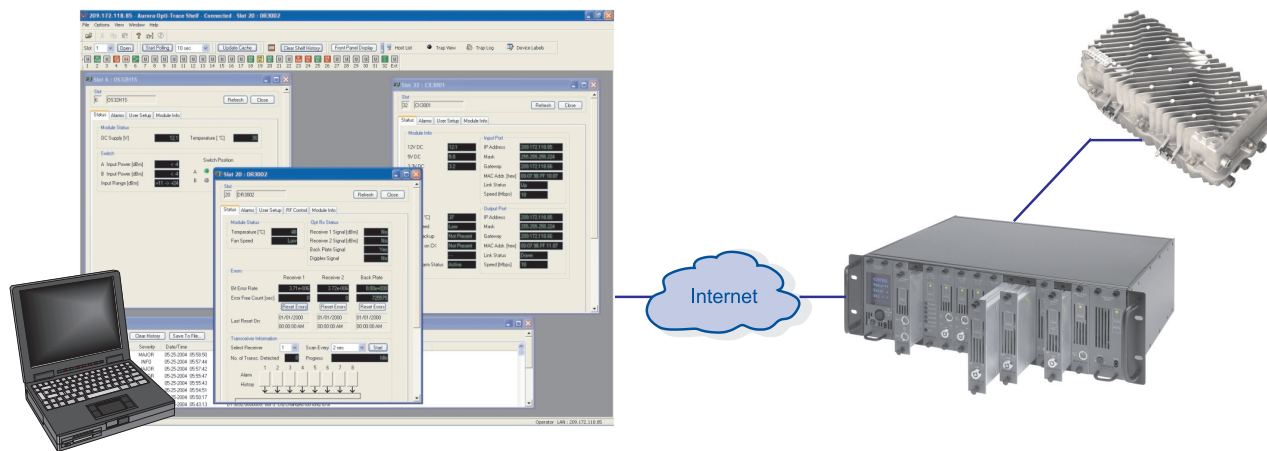
Aurora's Chassis System is the most robust, highly flexible, and powerful platform for implementing all of today's optical transport architectures, and the future-proof chassis system can be quickly reconfigured to support service expansion or topology redeployment.

Customers have selected and deployed the Aurora Chassis System for numerous applications:

- Traditional HFC
- Fiber to the Premises
- Fiber Deep
- VOD Transport
- Headend Consolidation
- Business Services Over Native Ethernet
- Node Segmentation
- Virtual Hub Solutions

Powerful, User-Friendly Network Management Software

All active modules in Aurora's chassis and nodes may be monitored and managed with Aurora's Opti-Trace software applications or any standard SNMP-compliant management package.



- Manage the active modules in your network locally or remotely
 - Diagnose and localize ingress
 - Balance RF and optical levels, and test redundant optical paths
 - Review past module performance and localize fault conditions
- E-mail alarm events



The Aurora Platform

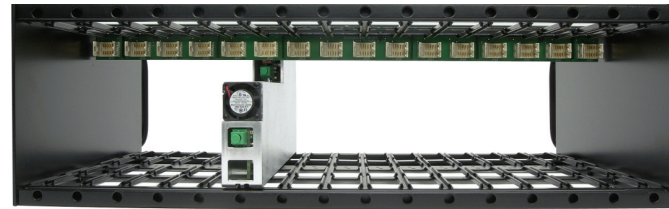
Solutions for Headends and Hubs



A whole new light, growing brighter!

Innovative Future-Proof Chassis

- Supports up to 16 full-depth or 32 half-depth modules in a 13" deep 3RU chassis
- All slots are identical to support any configuration
- Passive mid-plane design for front or rear module insertion with complete inter-module communication and power for easier deployment, monitoring and servicing
- Accepts both active and passive modules in the same chassis to increase functional density



Rugged Power Supplies with Integrated Chassis Monitoring

- Single or fully redundant, load-sharing, dual hot-swappable power supplies support 110/220 VAC or -48 VDC operation
- Up to 216 watts at -20° to +65°C operating temperature range, or up to 240 watts from -20° to +35°C
- Easy setup, monitoring, and control of active chassis modules using the power supply front panel display, or a local PC connected to the front panel RS232 craft port, or remotely monitor and control via the Internet with the CX3001 or CX3002 Communications Module
- Immediate detection of active module alarms without polling or traps



Intelligent Network Management Modules

- CX3001 and CX3002 Communications Modules
 - Integrated software for remote monitoring and management of active modules in the chassis, nodes and network (with CX3002 support for Web browser GUI)
 - One module per chassis and up to eight modules concatenated in a daisy-chain
 - "Zero-slot" module that slides into the rear of a power supply for increased rack module capacity
- NI3030 Network Interface Module
 - Locally or remotely monitor and manage every active device in Aurora's fiber network
 - Fast Ethernet model that enables termination of up to 16 ports per module and multiplexing of local traffic into a 2.125 Gbps optical transport port using industry-standard SFPs



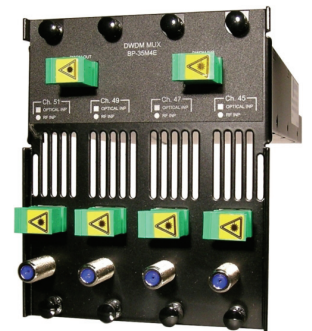
Revolutionary, Patented Backplate System

- Active modules mate with associated backplate to ensure a fast, tool-less interconnection (optical, RF and power)
- Backplates are easily pre-cabled to simplify installation
- Modules are hot-swappable without disconnecting cables or fibers



Highly Reliable, Integrated Mux/Demux Backplates

- Enables multiplexing of multiple DWDM transmitters, transponders, and forward receivers
- "Zero-slot" design allows mux and demux backplates to share chassis slots occupied by transmitters and receivers
- Eliminates up to 80% of patch cord requirements
- Enables hot-swapping of transmitters, transponders and forward receivers without disconnecting and reconnecting cables
- Available in groups of four channels and can be cascaded for up to 40 total channels



Broad Line of Active and Passive Modules

- Over 100 transmitter models for 1550 nm broadcast (BC), DWDM narrowcast (NC), 1310 nm BC/NC and the industry's first multi-wavelength O-band transmitters
- High performance optical amplifiers (EDFAs) in single or dual amplifiers-per-module configurations, including models featuring gain flattening
- Optical switches with fast switching speeds that support voice applications
- Legacy systems supported by analog return receivers
- Digital return transmitters and receivers for headend consolidation
- Ethernet transport switches, data aggregators and network interface modules
- Industry's largest selection of optical passives: couplers, splitters, filters and muxes/demuxes

