

# GigaMux 3200

WDM OPTICAL TRANSPORT

## PRODUCT HIGHLIGHTS

- Flexible optical solution delivers complete range of services
- Protocol and bandwidth independent
- Remotely-provisionable multi-rate ports
- Redundant and scalable
- SNMP and browser-based GUI network management
- Single wavelength and WDM links supported
- Instant, automatic provisioning for remote sites

## The GigaMux 3200 Optical Transport Solution

**An advanced DWDM/CWDM that offers optical transport from customer premises to regional backbone networks**

## MAKING OPTICAL NETWORKS SIMPLE



The GigaMux 3200 is designed to free carriers from restrictive transport technologies and provide system flexibility to accommodate changing end-user demands. A protocol-independent design allows the GigaMux 3200 to transport and extend the traffic of layer 1/2/3 Ethernet SONET/SDH, and SANs simultaneously and in their native format. By Supporting each traffic type natively, the network can grow and evolve based on traffic requirements.

The GigaMux 3200 offers:

- A bandwidth protocol independent platform supporting Gigabit Ethernet, Fibre Channel, and metro access traffic types
- Support for Point-to-Point, Add Drop, and Ring/Mesh topologies
- 80 Channel wavelength support
- Simultaneous CWDM and DWDM in a single shelf
- 2.5G and 10G support
- 800 GBit/s capacity architecture

## MULTIPLE SOLUTIONS IN ONE PLATFORM

Designed for use at either a POP or a customer premise location, Sorrento's GigaMux 3200 provides an intelligent and flexible connection between Enterprise applications, including storage area networks and high-speed network services, and the network service provider. The GigaMux 3200 product family, which includes the GM 3217 and the GM 3234, bridges the gap between carrier and end users with bandwidth and protocol technology.

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## TECHNICAL SPECIFICATION

### NETWORK TOPOLOGY

- Point to Point
- Linear Add/Drop
- Ring

### INTERFACES

Line-side type:

- DWDM with 50/100 GHz spacing
- Tunable and fixed XFP-based support
- Up to 80 wavelengths in C-Band
- CWDM with 16 channel spacing
- FEC
- Automatic Protection Switching (APS)
- UPSR
- Automatic Power Shut Down (APSD)
- Line Loopback
- Line performance monitoring

Client side type:

- SFP-based LC/UPC connectors on pluggable optics
- 1, 2, 2.5, 4, 8, and 10 Gbit/s line rates
- Client loopback
- Client performance monitoring

### SERVICES

- Ethernet 10/100 Mbit/s, 1 and 10 Gbit/s
- ESCON/FICON
- Fibre Channel 1, 2, 4, 8, and 10 Gbit/s
- Infiniband
- SONET OC-3/12/48/192
- SDH STM-1/4/16/64
- DS1/E1

### MANAGEMENT

- CLI, WaveBrowser and ZMS
- IMN (MPM to MPM)
- SNMP v2

### OPERATING REQUIREMENTS

- Hot Swappable: Yes
- Operating Temperature 5-40° C
- Short Term Operating Temp -5-55° C
- Storage Temperature -40-75° C
- Operating Humidity 5% to 85%
- Short Term Humidity 5% to 90%

### REGULATORY

- CE, FCC, and UL
- NEBS Level3 Compliant
- IEC 60950
- VCCI
- ETSI

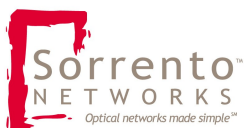
### DIMENSIONS

GigaMux 3217 Chassis

- 17.45" (W) x 10.5" (H) x 12" (D)
- 443 mm (W) x 267 mm (H) x 305 mm (D)

GigaMux 3234 Chassis

- 17.45" (W) x 15.75" (H) x 12" (D)
- 443 mm (W) x 400 mm (H) x 305 mm (D)



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Sorrento Networks is a global provider of metro optical access solutions, offering an edge-to-regional CWDM, DWDM and ROADM product portfolio to carriers and enterprises. Sorrento Networks' GigaMux optical transport products efficiently add bandwidth to clients' networks, and transport mission-critical services and applications across the network infrastructure. The company is headquartered in Denver, Colo., with offices in Fremont, Calif. and Stuttgart, Germany. For more information, visit [www.sorrentonet.com](http://www.sorrentonet.com). Sorrento, the Sorrento Networks logos and all other Sorrento Networks product or service names are trademarks or registered trademarks of Sorrento Networks, Inc. All other trademarks are property of their respective owners. Copyright 2008 Sorrento Networks. All rights reserved.