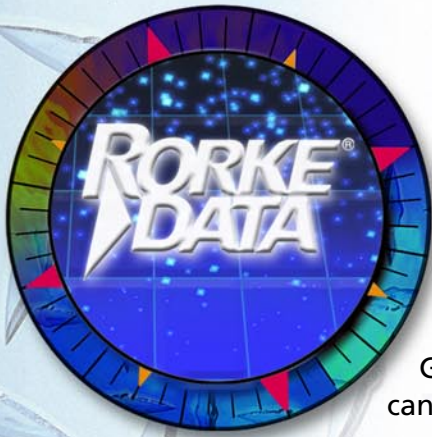


## AUTHORIZED PRODUCT DESCRIPTION

### GALAXY 65 – HIGH SPEED, HIGH BANDWIDTH FIBRE CHANNEL STORAGE



Designed for the demands of today's data intensive applications, the new Galaxy 65 sets a new standard for midrange Fibre-to-Fibre storage solutions. With four back-end loops and exceptional read/write levels, this subsystem is an ideal solution for high-bandwidth applications such as video streaming, medical imaging and high performance computing. The Galaxy 65 delivers sustained sequential data transfer rates of 690MB/sec, and can support a capacity of over 35 terabytes of RAID storage.



The Galaxy 65 is both robust and flexible. Support for dual active redundant configurations, synchronized cache communications and 72-hour battery backup deliver maximum availability and system security. In addition, redundant hot-swappable power supplies, cooling systems and disk drives further enhance system reliability and uptime.

This enclosure's modular architecture allows for cost-effective scalability and flexible configuration options. Four independent Fibre Channel host ports are configurable to ensure dual host access to all drives.

The Galaxy 65 is easy to configure and manage. Its platform-independent Storage Array Manager (SAM), a Java-based system management and configuration tool, allows for both in band and out-of-band management of your storage subsystem. SAM supports a wide variety of configuration options, is compatible with any Java-based web browser and supports all major operating systems. Continuous runtime monitors use graphical presentations for 'at a glance' status reporting, and displays can be customized to suit your environment.

#### About the Galaxy 65 Enclosure

The Rorke Data Galaxy 65 supports 16 hot-swappable disk drives in just three standard EIA units of rack space, providing industry leading capacity in this form factor. Designed with hot-swappable data path logic, power supplies and cooling modules, this fully redundant array is designed to meet the demands of 24/7 operation.

The Galaxy 65 can be branded according to your requirements. Customization services are available for drive carrier and chassis bezel plastics. Please contact your sales representative for details on how the Galaxy 65 can fit into your company's solution.

#### RAID Features

- Sustained data transfer rates in excess of 690 MB/s
- Raid Levels 0, 1, (0+1), 3,5,10, 30 and 50 supported
- Four independent fibre Channel host ports
- Multiple data-gate architecture
- Active-active failover with dual hot-swappable controllers
- Support for up to 240 drives, 16 partitions per array and 128 LUNs
- Remote array configuration and monitoring
- Java based GUI management software over out-of-band 10/100 Ethernet Port

[www.rorke.com](http://www.rorke.com)

# Rorke Data Galaxy 65 Series

<b>Product Code:</b>	Galaxy 65
<b>FC-AL Drives Supported:</b>	16 per enclosure
<b>FC Drives Supported:</b>	18, 36, 73 and 146 GB drives up to 15000RPM
<b>Chassis Material:</b>	Combination of pre-plated sheet metal, injection moulded plastics and meta castings
<b>Hot Pluggable Components:</b>	PSU, cooling modules, disk drives, I/O modules and controllers

## Dimensions

<b>Height:</b> (3 EIA Units)	130mm (5.12")
<b>Width:</b> (1EC Rack Compliant)	446mm (19.0")
<b>Depth:</b>	511mm (19.68")
<b>Weight:</b>	35Kg (77 lbs)

## Power

<b>Voltage:</b>	110 to 260V AC or -48V DC
<b>Frequency:</b>	48-62 HZ
<b>Power:</b>	450W

## Temperature & Humidity

<b>Temperature Range:</b> (Operating)	+5 to +40°C
<b>Humidity non-condensing:</b>	20% - 80%

## Altitude

<b>Operational:</b>	0 to 2133m
<b>Non-operational:</b>	-305 to 12,192m

## Shock & Vibration

<b>Operational Shock:</b>	5g 10ms 1/2 Sine
<b>Operational Vibration:</b>	Random 0.21grms 5-500Hz
<b>Non-operational Shock:</b>	30g 10ms 1/2 Sine
<b>Non-operational Vibration:</b>	Random 1.04 grms 2-200 Hz
<b>Relocation Vibration:</b>	Swept Sine 0.3g 2-200Hz

## Acoustics

<b>Sound Power Operating:</b>	Less than 6.0 LwA @20°C
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