

# GARANTIR GT-J2000 Series

## JBOD Storage Expansion Platform

Powered by PROMISE Technology



- Expand Garantir GT-R2000 RAID subsystems up to 112 disk drives with GT-J2XXX expansion units
- Industry leading performance and reliability at an excellent price
- Supports 6Gbps & 3Gbps SAS & SATA drives simultaneously
- Dual active/active SAS JBOD I/O modules
- 3U-16 form factor featuring hot-swappable drive bays
- Reliable N+1 redundant power supplies
- Energy efficient system reduces power and cooling costs

### Cost-effective Storage Expansion Platform

As the demands for capacity expansion explode for IT applications and video surveillance, it is imperative that IT administrators find a cost-effective way to meet performance and expansion goals. The GT-J2000 series is a robust storage expansion platform that serves as a building block to provide high-availability and flexibility in a cost-effective package that is simple to administer and meets the demands of your application. The 3U-16 bay Garantir GT-R2000 model carefully expandable to meet your needs today and in the future. Up to six additional expansion chassis may be added to each Garantir GT-R2000 RAID subsystem, providing expansion for up to 112 drives.

### Redundant Power Supplies

The Garantir GT-J2000 series is equipped with redundant power supplies. The advantage of N+1 power supplies is that should one fail, the other continues to power the subsystem until the faulty one can be replaced. Additionally, the power supplies are hot-swappable, which enables you to leave the subsystem running when you replace the one that failed.

### User Friendly Design

Simplicity and ease of use are absolutely crucial for SMBs. The Garantir GT-J2000's user-friendly design features the power button on the front panel. The design brings great convenience to the user as they don't have to go behind the system and unplug the power cord or access the management GUI console to turn off the machine, but can simply turn the machine on and off through the front panel.

### Reduce Power and Cooling Costs

The Garantir GT-J2000 series utilize environmentally friendly production methods and materials as well as a high-efficiency design that saves energy. Sporting 80 Plus Bronze Certified power supplies delivering up to 85% power efficiency, the Garantir GT-J2000 series improves total cost of ownership by conserving power, reducing heat output and improving cooling costs.



The ultimate in Value, Flexibility and Reliability

| System Models                  | Garantir GTY - J2600sS2600sD   |
|--------------------------------|--|
| System and Controller Features |  |
| Form Factor                    | 3U   |
| Drive Support                  | 16 Drives (3.5")<br>SAS/SATA <sup>1</sup> (6Gb/s or 3Gb/s), NCQ, TCQ   |
| # Controllers                  | Single/Dual  |
| Host Connectivity per Ctrl.    | Dual, IN/OUT 6G SAS-wide (x4) port over SFF-8088   |
| Host Options                   |  |
| SAS HBA                        | Follow Garantir GT- J2600s compatibility list  |
| RAID Storage Subsystem         | GarantirGT-R2000 Series  |
| SAS Features                   |  |
| Management Function            | Full SAS domain Topology<br>Management SAS Management<br>Protocol<br>In-band Access to Expander and PHY<br>StatisticCountersandPerformanceMonit<br>ors SES EnclosureManagement<br>SCSI SES Command Set over Virtual SSP Device |
| System Management              |  |
| Management Interfaces          | LED Status Indicator<br>In-band SES Enclosure Management; CLI via RJ-11 serial port  |
| Management Protocols           | SES over in-band SAS   |
| System Information             |  |
| AC Input                       | 100 ~ 240 VAC, 60 ~ 50Hz   |
| Current (Maximum)              | 4A (100V); 2A (240V)   |
| Power Supply                   | Three redundant 250W (Up to Four)<br>90-264V full-ranging w/PFC, Hot swappable N+1 Design  |
| FAN                            | Hot swappable redundant design with battery backup module  |
| Temperature                    | 5° ~ 40°C (-40° ~ 60°C non operational)  |
| Relative Humidity              | 10% to 80% non-condensing  |
| Dimensions (H x W x D)         | 131 x 447 x 507 mm<br>5.1 x 17.6 x 20 in   |
| Weight                         | 15 kg (33.1 lbs) w/o drives<br>26.2 kg (57.8 lbs) w/ drives  |
| Warranty and Support           |  |
| Warranty                       | 3 years limited warranty   |
| Supported Hardware Options     | SAS Cable, 3G SATA AA-Mux Adapter, 6G SATA Black Jack Adapter  |

<sup>1</sup>Additional AA-Mux adapter is required when use with SATA 3G drive, while SATA 6G drive requires BlackJack adapter

Ver : 1.0

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