

Tyrone Camarero Specifications

Tyrone

Camarero: JSGX00R-212

Key Feature

- Up to 12 GB/s read throughput, 10 GB/s write throughput, 725K IOPS (Random Read)
- Auto-Tiering, Snapshots, Asynchronous Replication
- Virtual pools, Thin provisioning, ADAPT, SSD read cache, Encryption
- Self-healing storage with Advanced Distributed Autonomic Protection Technology (ADAPT) and Autonomous Drive, Regeneration (ADR), redundant hot-swap controllers, drives, and fans, dual power cords, hot standby spare, automatic, failover and multi-path support
- 12 Drives SAS HDD, NL-SAS HDD, SAS SSD (2.5 or 3.5 Form Factors)
- ADAPT and RAID levels supported: 0, 1, 5, 6, 10
- Autonomous Drive Regeneration (ADR)
- 2U12 Arrays, Up to 12 drives per enclosure, 10 enclosures maximum including the master, totalling 120 Drives
- 2U24 Arrays, Up to 24 drives per enclosure, 10 enclosures maximum including the master, totalling 240 Drives
- 5U84 Arrays, Up to 84 drives per enclosure, 4 enclosures maximum including the master, totalling 336 Drives
- 580W Power Supply



Host/Expansion Interface		Power Requirements — AC Input	
External Ports	4 per Controller, 8 per System	Input Power Requirements	100VAC-240VAC, 50Hz/60Hz
Fibre Channel Models	Host speed: 32/16 Gb/s Fibre Channel, Interface type: SFP+/SFP28	Max Power Output per PSU	580W
iSCSI Models	Host speed: 10 Gb/s, 25 Gb/s iSCSI, Interface type: SFP+/SFP28	Drive bays	
Ethernet	10GBASE-T (auto-negotiation to 1Gb)	HDD Bays	12 Drive bays
SAS Models	Host speed: 12 Gb/s, 6 Gb/s SAS, Interface type: HD Mini-SAS	Environmental/Temperature Ranges	
System Configuration		Operating/Non-operating Temperature	ASHRAE A2, 5°C to 35°C (41°F to 95°F), derate 1°C/300m above 900m, 20°C/hr max rate of change / -40°C to 70°C (-40°F to 158°F)
System Memory	48 GB per system	Operating/Non-operating Humidity	-12°C DP and 8% RH to 21°C DP and 80% RH, max DP 21°C / 5% to 100% non-condensing
Volumes per System	1,024	Operating/Non-operating Shock	5 Gs, 11 ms, half sine pulses/15 Gs, 7 ms, half sine pulses
Cache	Mirrored cache, Supercapacitor cache backup, Cache backup to flash – non-volatile	Operating/Non-operating Vibration	0.18 Gs rms 6 Hz to 500 Hz random / 0.5 (Z-axis) and 0.25 (X&Y-axis) Gs rms 6 Hz to 200 Hz random
Management		Form Factor	
Interface Types	10/100/1000 Ethernet, Micro USB	Form Factor	2U rackmount
Protocols Supported	SNMP, SSL, SSH, SMTP, HTTP(S), Redfish	Dimensions	
Management Consoles	Web GUI, CLI	Dimensions	Height: 87.9 mm / 3.46 in, Width: 443 mm / 17.44 in, Depth: 630 mm
Management Software	Tyrone Systems storage management console, Remote diagnostics, Non-disruptive updates, Volume expansion	Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	