

RAZOR SSD Storage System Data Sheet

Characteristics

Form Factor	1U Rackmount
Drive Bays	12
Maximum Drive Bays	48
RAID controller	Dual Active, hot-swappable controllers
Cache	Up to 4GB cache
RAID Levels	0, 1(0+1), 3, 5, 6, 10, 30, 50, 60; Arrays of different RAID levels can co-exist in a configuration
Drive Type Supported	2.5" SSD

Host/Drive Connections

Host connectivity	(4) 8Gbps FC SFP
Drive connectivity	12 SAS/SATA HDD or SATA SDD via a passive backplane Drive-side expansion via SAS multi-lane SFF-8088 per controller

Physical Information

Enclosure dimensions	Rack mount size 1U		
	Dimensions	Without Chassis Ears	With Chassis Ears
	Height	43.5mm (1.71 inches)	43.5mm (1.71 inches)
	Width	444.8mm (17.5 inches)	483mm (19 inches)
	Length	497.8mm (19.6 inches)	500.6mm (19.7 inches)
System weight	Gross weight-20.42kg Net weight-13.36kg		
Input Voltage	115VAC @ 6A 230VAC @ 3A with PFC (auto-switching)		
Humidity	Operating: 5% to 90% (non-condensing) Non-operating: 5% to 95% (non-condensing)		
Temperature	0° to 35°C (32°F to 95°F, if BBU is applied) Non-operating: -40° to 60°C (-40°F to 149°F) Operating: 0° to 40°C (32°F to 104°F)		
Altitude	Operating: 3,658m (12,000 ft.) Non-operating: 12,192m (40,000 ft.)		
Shock (Half-sine)	Operating: 5G, half-sine, 11ms pulse width Non-operating: 15G, half-sine, 11ms pulse width Package: 60G, half-sine, 11ms pulse width		
Vibration	(Random) Operating: 5 to 500Hz, 0.25Grms, X/Y/Z Sine Non-operating: 5 to 500Hz, 1.88Grms, X/Y/Z Sine (Sine) Operating: 5 to 500Hz, 0.2Grms, X/Y/Z Sine, 30min/sweep Non-operating: 5 to 500Hz, 1.0Grms, X/Y/Z Sine, 30min/sweep		
Acoustic Noise	65dBA boundary, 60dBA normal		