

MAXio® Z-Series PCIe Full Height SSD

MAXio Z-Series PCIe SSDs present the ideal enterprise system upgrade with outstanding capacity, flash management, and performance.



Infused with the BitMICRO Talino™ architecture, MAXio Z-Series PCIe SSDs include two in-house developed ASIC flash controllers for enhanced application performance. Offloading the Flash Translation Layer (FTL) from the host server to the SSD, MAXio Z-Series PCIe SSDs support higher storage capacities up to 8.8 TB in a PCIe edge card form factor. DriveLight™ Management Software allows users to simplify MAXio SSD administration with easy-to-use, interactive features.

Applications

The MAXio Z-Series PCIe SSDs are ideal for enterprise applications such as:

- Video on Demand (VOD)
- Database Acceleration
- Online Analytics
- File Servers
- Cloud Services
- Virtualization

Features

- BitMICRO-Designed Talino ASIC Architecture
- SecurErase® Technology
- PowerGuard® Technology
- High Capacity (8.8 TB) with Low Host Resource Utilization
- Enterprise-Class Performance
- Advanced Flash Management
- User-Friendly SSD Management Tool
- Industry-Competitive Thermal Characteristics and Low Energy Usage

Product Specifications

Physical

Form Factor	PCIe full height, half length
Bus Interface	PCIe 3.0 x8

Performance

4KB Read IOPs	Up to 300,000
4KB Write IOPs	Up to 120,000
4KB Read Latency	Less than 50 μ Sec
4KB Write Latency	Less than 30 μ Sec

Capacity

MLC	8.8 TB
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Note: Physical capacity. Usable capacity may vary. 1 TB = 1,000,000,000,000 Bytes.

Power

Voltage	3.3V/12V (+/- 5%)
Active	Less than 75 W

Environmental

Operating Temperature	0 - 55 °C
Air Flow	300 LFM

Platform Support

Operating System	Red Hat® Enterprise 6/7
	Ubuntu® 14
	CentOS 6/7
	Oracle® Enterprise Linux 6
	SUSE® Linux Enterprise Server 11/12
	Debian 7

Warranty

Standard	3 years or maximum endurance used
Extended (Optional)	Up to 5 years or maximum endurance used

For more Information

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