

MAXio[®] E-Series PCIe Full Height SSD

MAXio[®] E-Series PCIe SSDs deliver high capacity, advanced flash management, and enterprise-class performance.



Powered by BITMICRO[®] Talino[™] architecture featuring in-house developed ASICs that offload the Flash Translation Layer (FTL) from the host server to the SSD, MAXio E-Series PCIe SSDs support high storage capacity in a single PCIe edge card form factor, increasing application performance. DriveLight[™] Management Software allows users to simplify MAXio SSD administration with easy-to-use, interactive features.

Applications

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

- Video on Demand (VOD)/Video Streaming
- Online Transaction Processing (OLTP)
- Non-Linear Editing
- Gaming
- File Servers
- Web Applications
- Cloud Service Providers
- Indexing

Features

- BiMICRO-Designed Talino ASIC Architecture
- SecurErase[®] Technology
- High Capacity (3.3 TB) with Low Host Resource Utilization
- Enterprise-Class Performance
- Advanced Flash Management (Dynamic Wear Leveling, Background Garbage Collection, Zero Pattern Elimination)
- 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 2.0 x8

Performance

4KB Read IOPs	Up to 240,000
4KB Write IOPs	Up to 85,000
4KB Read Latency	Less than 50 µSec
4KB Write Latency	Less than 30 µSec

Capacity

MLC	3.3 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 30 W

Environmental

Operating Temperature	0 - 55 °C
Air Flow	300 LFM

Platform Support

Operating System	Windows® 2012 R2 Server (64-bit)
	Windows® 2008 Server (32/64-bit)
	Windows® 2008 with Hyper-V
	Windows® 7 (64-bit)
	Red Hat® Enterprise 6
	Ubuntu® 10
	CentOS 6
	Oracle® Enterprise Linux 6
	OpenSUSE® Desktop 12
	VMware® ESXi 5

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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