



Features

- Over 200 times faster at random transactional performance than a 15K RPM enterprise hard disk drive
- Lower cost per transaction
- Enables higher performing systems with far less hardware costs
- Low power consumption
- Increased reliability due to no moving parts
- Drop in non-volatile replacement for Fibre Channel hard disk drives
- 5 year warranty

Zeus^{IOPS} Solid State Drive

Ultra-high Performance for Enterprise Computing

Zeus^{IOPS} is a unique solid state drive designed to create a storage performance revolution for enterprise applications. Zeus^{IOPS} enables storage systems to realize outstanding, sustainable Input/Outputs per second to relieve performance bottlenecks associated with traditional rotating media disk drives.

Zeus^{IOPS} breathes new life into existing storage infrastructures, increases server utilization, and reduces the total cost of ownership. Zeus^{IOPS} eliminates the wait time for processors associated with rotating media access latency. While hard drive access times are measured in milliseconds, access times for Zeus^{IOPS} are in microseconds, enabling a significant increase in server processor utilization. Zeus^{IOPS} Solid State Drive delivers the performance of 200 HDDs with just one drive. For comparable performance, a 200 HDD system will cost 2-3 times as much as a Zeus^{IOPS} system because of additional up-front hardware as well as reoccurring maintenance, power and cooling costs. Zeus^{IOPS} Solid State Drive is revolutionizing the way businesses access critical data by overcoming the performance bottleneck inherent to traditional rotating media HDD storage.

Ordering Information

Capacity	Part #
18GB	Z16F318C
36GB	Z16F336C
73GB	Z16F373C
146GB	Z16F3146C

Specifications

Capacity:

Unformatted 18, 36, 73 and 146 Gbytes

Interface:

Fibre Channel
Performance 2Gb/sec, full-duplex
Availability Dual-port

Performance:

Average Access Time 20-120 microseconds
Sustained Read Throughput 200 Mbytes/sec
Sustained Write Throughput 100 Mbytes/sec
Random IOPS Read Operations 52,000 IO/sec, sustained
Random IOPS Write Operations 18,000 IO/sec, sustained
Intelligent Cache 512 Mbytes

Environmental:

Operating Temperature 0°C to +70°C
Storage Temperature -55°C to +95°C

Power:

Input Voltage 12V ± 15%
Typical Consumption
Operational 700mA
Startup (<30 seconds) 1,500mA

Physical:

Form Factor 3.5-inch
Dimensions (mm) 147mm (L) x 101.6mm (W) x 25.4mm (H)
Weight <0.4 kg

Warranty:

5 years

Enterprise HDD vs. Zeus^{IOPS}

Metric	HDD	Zeus ^{IOPS}
IOPS	300	52,000
Access Time	5ms	<100 µs



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