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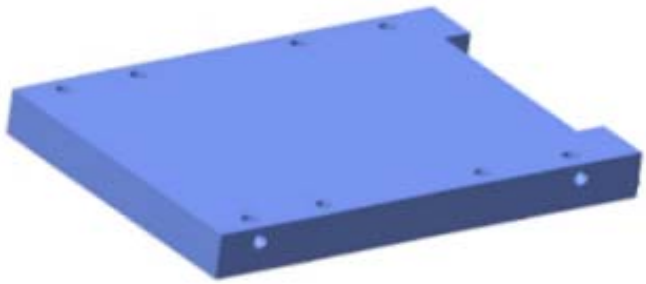
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Find the *Philips ZLm-032-0* at our website: *Click HERE*

ZLm



ZLm 32GB
DEEP CYCLE STATIC ARRAY 2.5 INCH DISK DRIVE

Features

- Standard 2.5-inch form factor
- 32GB capacity
- ATA133 interface
- 80MB/sec sustained transfer rate
- 0.6ms random access time
- Very low power operation (0.8W max.)
- Instant on (no spin up from idle mode)
- Light weight
- Shock and vibration resistant
- High altitude operation compatible

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Summary

Phillips' ZLm series high performance solid state drives come in the standard 2.5-inch (Notebook) form factor. They are intended to be drop in replacements for conventional mechanical drives, achieving significantly better performance across the board.

Phillips' Deep Cycle Static Array (DCSA) flash technology is used in the ZLm drives, yielding a design with no moving parts and very low access times. The array structure of the ZLm allows for interleaving of data, resulting in significantly higher transfer rates over conventional flash and mechanical hard drives.

The ZLm also employs low level 'on-the-fly' ECC, and a 'write equalization' feature that spreads the workload across the entire storage range to reduce memory fatigue.

Since the ZLm is solid state, there is no spin-up time from an idle / shutdown state. This means that whenever the drive is not being used, it is always in a shutdown state, maximizing battery life and reducing heat, with no associated spin-up penalty.

Specifications

Capacity:	32GB
Transfer Rate:	80MB/sec (sustained)
Random Access Time:	0.6ms
Connectors:	PATA I/O & Power
Power	
Reading/Writing:	2.65W
Idle/Shutdown:	0.4W
Dimensions	
Height (in/mm):	0.374 / 9.5
Width (in/mm):	2.75 / 69.85
Depth (in/mm):	3.945 / 100.2
Weight: (lb/g):	0.20 / 91
Acoustics:	0 dB
Temperature	
Operating:	0°C to 70°C
Non-Operating:	-20°C to 85°C
Shock (op & non-op):	1000G
Vibration (op & non-op):	15G peak, 0.5 sine wave, 10-5000Hz
Altitude:	80k Feet
Reliability	
MTBF:	200,000 power-on hours
ECC:	supporting two random bits of a sector "on-the-fly" ECC corrections

Ordering Information

Part Number:	ZLm-AAA-B
ZLm	Base part number
AAA	Capacity (032)
B	0=Standard temp (0°C to 70°C) 1=Extended temp (-40°C to 85°C)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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