

DuraDrive ET2

Industrial 2.5" SSD with IDE (PATA) Interface

PATA Solid State Drive



Perfect combination of Ruggedness and Performance

The new DuraDrive ET2 represent the next generation of industrial data storage solutions by offering enhanced durability, reliability and performance in environments considered "too harsh" for a standard drive.

Thanks to an advanced controller and premium NAND Flash, the new DuraDrive delivers unprecedented vibration, shock and temperature tolerances, with impressive speeds. Supporting access times of 0.1ms, the new DuraDrive really performs and can reach speeds of 125MB/sec sequential Read and 110MB/sec sequential Write. That's a more than double performance increase from previous version of Industrial Solid State Disks.

With ECC/EDC support, bad bit management firmware and patented wear leveling technology, this drive offers extreme reliability.

Optional

- SLC - For increased Longevity and Reliability
- iTemp - Mission Critical often requires itemp (-40°C to +85°C)
- Secure Erase- For Sensitive Data, Don't just Erase it, Eradicate it with Secure Erase.

Featuring the industry standard 2.5-inch form factor and IDE interface, the DuraDrive ET2 is 100% interchangeable with conventional 2.5-inch IDE(PATA) hard drives.

The Dura Drive SSD is geared specifically for applications that require high shock, vibration and/or reliability. Example industries include:

- Aerospace
- Embedded / Industrial Systems
- Enterprise Computing
- Medical Industry
- Casino Gaming

Physical Specifications

	DuraDrive™ ET2
Form Factor	2.5 inch
Capacity	16GB to 128GB (SLC) 32GB to 256GB (MLC)
Dimension	69.9mm x 100.2mm x 9.5mm
NAND Flash	MLC / SLC
Interface	IDE (PATA)
Power Supply	5V ± 10%
Package	Complete Metal Housing

Environmental Specifications

Shock (operating)	1500G	
Vibration (operating)	16G	
Operating Temperature	Industrial	-40°C to +85°C
	Commercial	0°C to +70°C

ET2 Performance Specification

Part Number	Sequential Read (MB/sec max)	Sequential Write (MB/sec max)
FHD16GW25H (SLC)	125	90
FHD32GW25H (SLC)	125	90
FHD64GW25H (SLC)	125	110
FHM32GW25H (MLC)	125	60
FHM64GW25H (MLC)	125	60
FHM28GW25H (MLC)	125	90
FHM56GW25H (MLC)	125	90

*Part number listed are commercial specs only. Please call for options listed above.

Reliability Specification

MTBF	+1,000,000 hours
Data Reliability	Built-in EDC/ECC function
Wear Leveling Algorithm	Patent Pending