

DuraDrive AT2

Industrial 2.5" SSD with SATA II Interface

SATA Solid State Drive



Perfect combination of Ruggedness and Performance

The new DuraDrive AT2 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 SATA II interface, the DuraDrive AT2 is 100% interchangeable with conventional 2.5-inch SATA 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 AT2
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	SATA
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

AT2 Performance Specification

Part Number	Sequential Read (MB/sec max)	Sequential Write (MB/sec max)
FTD16GW25H (SLC)	125	90
FTD32GW25H (SLC)	125	90
FTD64GW25H (SLC)	125	110
FTM32GW25H (MLC)	125	60
FTM64GW25H (MLC)	125	60
FTM28GW25H (MLC)	125	90
FTM56GW25H (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