

DuraNova III

SATA Solid State Drive



The DuraNova III SSD is Super Talent Technology's response to increased demand for a more reliable storage solution for industry use. Applications that require high shock, vibration and/or reliability seek out DuraNova III to provide amazing performance for their needs.

With access times of 0.1ms, DuraNova III reaches sequential read and writes speeds of up to 450 MB/sec. Included is also ECC/EDC support, bad bit management firmware and a patented wear leveling algorithm.

The DuraNova III features the industry standard 2.5-inch form factor with a SATA III 6.0 GB/s interface, the DuraNova III is interchangeable with conventional 2.5-inch drives as well as backwards compatible with SATAII and SATA I.

Optional

- SLC – For increased longevity and reliability
- iTemp – Mission Critical often requires temp (-40°C to +85°C)
- Secure Erase – For sensitive data, don't just erase it, eradicate it with Secure Erase

Physical Specifications

	DuraNova III
Form Factor	2.5"
Capacity	64 GB to 320 GB
Dimension	69.9 x 100.0 x 9.5 mm
NAND Flash	MLC/SLC
Interface	SATA III
Power Supply	5.0V +/- 10%

Environmental Specifications

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

Reliability Specification

MTBF	+1,500,000 hours
Data Reliability	Built in EDC/ECC function

Ordering information

Capacity	Part Number
64 GB	FTM06D325H(I)
80 GB	FTM08D325H(I)
160 GB	FTM16D325H(I)
320 GB	FTM32D325H(I)