

SATA Solid State Drive

■ TeraNova DX Plus SATA III 6Gbps SSD



A Solid State Disk (SSD) is a storage device that is based on semiconductors rather than rotating magnetic platters. Most SSDs, including Super Talent's offerings, are based on NAND Flash chips because they are fast, highly reliable, widely available and are non-volatile.

SSDs are 100% compatible with standard hard disk drives, using both industry standard dimensions and a standard hard drive interface. While typical spinning HDDs are the weakest point when it comes to withstanding extremes, an SSD drive is an asset. Along with its durability and reliability, the SSD brings unparalleled performance.

Features

- 1-port 1.5/3.0/6.0Gbps SATA I/II/III interface
- Max Speed: Read up to 520 MB/s, Write up to 480 MB/s
- Capacities up to 2TB

Physical Specifications

Form Factor	2.5"
Capacity*	8GB-2TB
Dimension	69.85 x 100.00 x 6.90 mm
SATA Interface	SATA 6.0Gb/s interface
NAND Flash	MLC
Power Supply	5V ± 10%
Package	Metal housing
Performance(MB/sec)	520/480

Ordering Information

Capacity	Commercial Temp
8GB	FTM008112F
16GB	FTM016112F
32GB	FTM032112F
64GB	FTM064112F
128GB	FTM128112F
256GB	FTM256112F
512GB	FTM512112F
1TB	FTM1T0112F
2TB	FTM2T0112F

Environmental Specifications

Operating Shock	1500G
Operating Vibration	20G (7Hz~2KHz)
Operating Temperature	0°C to 70°C (C-temp)
Operating Humidity	10% to 95% RH