

InnoDisk SSD Series

InnoDisk provides both SATA and ATA SSD, which are designed for rigorous and mission critical environment, and delivering various performance and form factors. Customers can choose suitable solutions according to your system application requirements. All SSD series support industrial grade(-40°C~+85°C) and wide range of capacity.

Regarding form factors, FiD series SSD offers 2.5", 1.8" (Micro SATA), and a brand new FiD 1.8" SATA 10000-D with standard 7+15 SATA connector.

Features

- ✦ Perfect replacement for traditional hard disk
- ✦ Built-in ECC (Error Correction Code) functionality
- ✦ High-reliability: anti-shock and anti-vibration
- ✦ Excellent data transfer speed
- ✦ SMART: own AP to monitor the health of the SSD
- ✦ Support static wear-leveling algorithm

InnoDisk FiD 2.5" SATA 25000

FiD 2.5" SATA25000 provides High-Performance Storage for industrial application. It not only performs better in sequential data transfer, but also enhances random data access for small files. FiD 2.5" SATA25000 delivers a high level of performance and reliability to fulfill various requirements.

Features

- ✦ Outstanding sequential and random data transfer rate
- ✦ Support SMART function
- ✦ Support Windows 7 TRIM command

InnoDisk FiD 1.8" SATA 10000-D

FiD 1.8" SATA 10000-D comes with standard 7+15 SATA interface and only half size of 2.5" SSD. With its smaller dimension, FiD 1.8" SATA 10000-D is alternative solution of 2.5" SSD for those embedded system customers that may have mechanical and space concerns.

Features

- ✦ Compact dimension
- ✦ Standard 7+15 pins SATA interface
- ✦ Compatible positioning hole with 2.5" SSD
- ✦ Low power consumption

SSD Series



Specifications	FiD 2.5" SATA 25000	FiD 2.5" SATA 20000-H	FiD 2.5"/1.8" SATA 10000
Capacity	16GB~128GB	256GB	8GB~128GB
Interface	SATA II 3.0G	SATA II 3.0G	SATA II 3.0 G
Data Transfer Rate	Read:250MB/sec. (max.) Write:200MB/sec. (max.)	Read:230MB/sec. (max.) Write:190MB/sec.(max.)	Read: 160MB/sec.(max.) Write: 140MB/sec.(max.)
Operation Temp.	0°C~+70°C(Standard) -40°C~+85°C(Industrial)	0°C~+70°C(Standard) -40°C~+85°C(Industrial)	0°C~+70°C (Standard) -40°C~+85°C (Industrial)
Storage Temp.	-55°C~+95°C	-55°C~+95°C	-55°C~+95°C
Vibration	20G(7~2000Hz)	20G(7~2000Hz)	20G (7~2000Hz)
Shock	1500 G/0.5 ms	1500 G/0.5 ms	1500G/0.5ms
DC Input Voltage	5V	5V	5V
Power Consumption	500 mA(max.)	1000mA(max.)	400mA (max.)
Dimension	69.6x99.8x9.3mm (WxLxH)	69.6x99.8x11mm (WxLxH)	2.5" SATA: 69.6 x 99.8 x 9.3mm 1.8" SATA: 54.0 x 78.5 x 5.0mm
SMART	Support	N/A	1.8" SATA: 54.0 x 78.5 x 5.0mm
ATA Security	Support	Support	Support
TRIM	Support	N/A	N/A



Specifications	FiD 2.5" SATA 10000-RS	FiD 1.8" SATA 10000-D	FiD 2.5" ATA 8000-J
Capacity	2GB~32GB	2GB~32GB	8GB~128GB
Interface	SATA II 3.0G	SATA II 3.0G(7+15 SATA connector)	IDE 44pin(2.0mm)
Data Transfer Rate	Read:100MB/sec.(max.) Write: 50MB/sec.(max.)	Read:125MB/sec. (max.) Write:120MB/sec.(max.)	Read: 85MB/sec. (max.) Write:75MB/sec. (max.)
Operation Temp.	0°C~+70°C(Standard) -40°C~+85°C(Industrial)	0°C~+70°C(Standard) -40°C~+85°C(Industrial)	0°C~+70°C(Standard) -40°C~+85°C(Industrial)
Storage Temp.	-55°C~+95°C	-55°C~+95°C	-55°C~+95°C
Vibration	20G(7~2000Hz)	20G(7~2000Hz)	20G(7~2000Hz)
Shock	1500G/0.5ms	1500 G/0.5 ms	1500 G/0.5 ms
DC Input Voltage	5V	5V	5V
Power Consumption	200mA(max.)	200mA (max.)	500 mA(max.)
Dimension	69.6x99.8x9.3mm(W x L xH)	69.2 x 50 x 9mm(W x L xH)	69.8x100.1x9.5mm(W x L xH)
SMART	Support	Support	Support
ATA Security	Support; AES-128 Encryption	Support	Support