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Industrial Storage device

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embedded



FiD 2.5" SATA/ATA SSD Series

InnoDisk provides both SATA and ATA SSDs, delivering various speed series. Customers can choose suitable solutions according to their system application requirements. All SSD series support industrial grade (-40°C~85°C) and the capacity is up to 128GB. Also InnoDisk SSDs are designed for rigorous and mission critical environment.

- SATA 10000
 - Excellent data transfer rate
 - Optional customized functions: SMART/Security
- ATA 8000-J



- ATA Mirror 4000
 - Data safety-orientation: Data backup
- SATA 6000
- ATA 6000



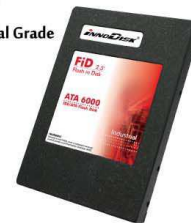
SATA 10000-Industrial Grade



ATA 8000-Industrial Grade



SATA 6000-Industrial Grade



ATA 6000-Industrial Grade

FiD Series Specifications

Item	2.5" & 1.8" SATA 10000	ATA 8000-J	SATA 6000	ATA 6000	ATA Mirror 4000
Capacity	2.5" SLC-8GB-128GB MLC-8GB-256GB 1.8" SLC-8GB-32GB MLC-8GB-64GB	8GB-128GB	8GB-128GB	8GB-128GB	128MB-8GB
Interface	SATA II 3.0 G	44pin(2.0mm) IDE/ATA	SATA II 3.0G	44pin(2.0mm)IDE	44pin(2.0mm)IDE
Transfer Mode	PIO Mode 0-4	PIO Mode 0-4	PIO Mode 0-4	PIO Mode 0-4	PIO Mode 0-4
	UltraDMA Mode 0-5	UltraDMA Mode 0-5	UltraDMA Mode 0-6	UltraDMA Mode 0-5	UltraDMA Mode 0-4
Data Transfer Rate (MB/sec. max.)	SLC-Read: 160MB/sec. Write: 140MB/sec. MLC-Read: 150MB/sec. Write: 90MB/sec.	Read: 85MB/sec. Write: 75MB/sec.	Read: 60MB/sec. Write: 40MB/sec.	Read: 60MB/sec. Write: 40MB/sec.	Read: 40MB/sec. Write: 20MB/sec.
Operation Temp.	0°C~+70°C (Standard); -40°C~+85°C (Industrial)				
Storage Temp.	-55°C~+95°C				
Vibration	20G (7~2000Hz)				
Shock	1500G/0.5ms				
DC input voltage	+3.3V/+5V single power supply operation				
Power Consumption	500mA (max.)	400mA (max.)	500mA (max.)	260mA (max.)	350mA (max.)
Dimension	2.5" SATA: 69.6 x 99.8 x 9.3mm (WxLxH)/2.5" ATA: 69.8 x 100.1 x 9.5mm (WxLxH) 1.8" SATA: 54.0 x 78.5 x 5mm (W x L xH)				
SMART Function	Support	Support			
Security Function	Support	Support			
	Customized Functions	Customized Functions			
Security Erase	Optional	Optional			