

SATA SSD Series

S.A.F.D

Serial ATA Flash Drive



- Perfect replacement of 1.8" / 2.5" HDD devices
- Implements wear-leveling algorithms to substantially increase longevity of flash media
- Sustained Read / Write Speed: up to 110 / 60 (MB/sec)
- Capacity: 256MB~128GB
- Operating voltage: 5V
- Operating Temp.: 0°C ~ +70°C (Standard) / -40°C ~ +85°C (Extended Temperature)
- MTBF: over 2,000,000 hour (Est.)
- Program / Erase Cycle: over 2,000,000 time (Est.)

S.D.M.I

SATA Disk Module I



- Implements wear-leveling algorithms to substantially increase longevity of flash media
- Sustained Read / Write Speed: up to 35 / 25 (MB/sec)
- Capacity: 128MB~4GB
- Product Types: 7P / 180D, 22P / 90D
- Operating voltage: 5V
- Operating Temp.: 0°C ~ +70°C (Standard) / -40°C ~ +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

PATA SSD Series

C.A.F.D

Combo ATA Flash Drive



- Compatible with IDE interface
- Perfect replacement of 2.5" HDD devices
- Combined SLC and MLC NAND flash
- Implements wear-leveling algorithms to substantially increase
- Sustained Read / Write Speed: -SLC: up to 35 / 25 (MB/sec) / -MLC: up to 22 / 13 (MB/sec)
- Capacity: up to 96GB (32GB SLC + 64GB MLC)
- Operating voltage: 5V
- Operating Temp.: 0°C ~ +70°C

A.F.D III

ATA Flash Drive III



- Perfect replacement of 1.8" / 2.5" HDD devices
- Implements wear-leveling algorithms to substantially increase longevity of flash media
- Physical Form Factor: 1.8", 2.5" and mini-size^{*1}
- Sustained Read / Write Speed: up to 35 / 25 (MB/sec)
- Capacity: 256MB~32GB
- Operating voltage: 5V
- Operating Temp.: 0°C ~ +70°C (Standard) / -40°C ~ +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

*1 Mini-size: 41.6(L) X 69.8(W) X 9.3(H)mm

A.D.M.III

ATA Disk Module III



- Implements wear-leveling algorithms to substantially increase longevity of flash media
- Connector: 40-pin (2.54mm pitch) / 44-pin (2.00mm pitch)
- Capacity: 128MB~16GB
- Product Types: Standard, Low-profile, Housing, Through Pin, Dual Through Pin
- Orientation: 90D, 180D, 270D
- Operating voltage: 3.3V / 5V
- Operating Temp.: 0°C ~ +70°C (Standard) / -40°C ~ +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

Flash Card Series

Industrial CF III

Industrial CompactFlash III



- Compliant with Compact Flash specifications
- Support build-in ECC function
- Connector: 50-pin
- Physical Form Factor: CF Type I, 36.4(W) X 42.8(H) X 3.3(T)mm
- Sustained Read / Write Speed: up to 35 / 25 (MB/sec)
- Capacity: 128MB~16GB
- Product type: Standard (STD), Non-Removable Setting (NR), Non-DMA (ND), Extended Temp. (ET)
- Operating voltage: 3.3V / 5V
- Operating Temp.: 0°C ~ +70°C (Standard) / -40°C ~ +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

SATA

Apacer帶你進入高速SATA新紀元

110 MB/sec全球最快速固態硬碟，滿足嚴苛環境對速度的要求



- 超高速** 連續存取速度可超越110MB/sec
- 高穩定** 抗震耐摔，可於嚴苛的環境運作自如
- 超耐溫** 抗高溫、耐低溫，適用於各種嚴苛環境
- 低耗電** 利用電位存取資料，無讀寫頭移動的機械動作，更省電
- 更耐用** 3年長期供貨及產品保固
- 更安全** 透過宇瞻獨特S.M.A.R.T技術，即時監看固態硬碟健康狀態
- 應用面** Notebook、工業電腦、嵌入式系統、數位監控系統(DVR)、POS、軍用設備、醫療設備、刀鋒伺服器(Blade Server)

比較表

		SSD	HDD*1
效能	連續存取速度	110MB/s	58MB/s
	連續寫入速度	50MB/s	55MB/s
	系統啟動時間(Windows Vista)	29sec	48sec
	系統啟動時間(Windows XP)	13sec	28sec
可靠	衝擊測試(Shock)	1500G	300G
重量		75g	115g
工作溫度		-40°C~85°C	0°C~60°C

SATA
3.0Gb/s

2.5吋

最大容量
128GB

速度高達
110MB/s

高低溫
(-40°C~85°C)

支援
ECC功能

S.M.A.R.T
功能