

# SATA

## Apacer帶你進入高速SATA新紀元

115 MB/sec高速固態硬碟，滿足嚴苛環境對速度的要求



- 超高速** 連續存取速度可超越115MB/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	115MB/s	58MB/s
	連續寫入速度	65MB/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	衝撞測試(Shock)	1500G	300G
重量		75g	115g
工作溫度		-40°C~85°C	0°C~60°C

<b>SATA</b> 3.0Gb/s	<b>2.5吋</b>	<b>最大容量</b> 128GB	<b>速度高達</b> 115MB/s	<b>高低溫</b> (-40°C~85°C)	<b>支援</b> ECC功能	<b>S.M.A.R.T</b> 功能
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## SATA SSD Series

### SAFD

Serial ATA Flash Drive



- Sustained Read/Write Speed: up to 115/65(MB/sec)
- Capacity: 8GB~128GB
- Operating voltage: 5V
- MTBF: over 2,000,000 hour(Est.)
- Program/Erase Cycle: over 2,000,000 time(Est.)

### SDMI

SATA Disk Module I



- Sustained Read/Write Speed: up to 35/25(MB/sec)
- Capacity: 128MB~8GB
- Product Types: 7P/180D, 22P/90D
- Operating voltage: 5V
- MTBF: over 2,000,000 hours(Est.)
- Program/Erase Cycle: over 2,000,000 times(Est.)

### SRFD

SATA RAID Flash Drive



- Sustained Read/Write Speed: Based on Apacer Industrial CFC III
- Capacity: Based on CF Card
- Operating voltage: 5V

## PATA SSD Series

### CAFD

Combo ATA Flash Drive



- Combined SLC and MLC NAND flash
- 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

### AFD III

ATA Flash Drive III



- Sustained Read/Write Speed: up to 35/25(MB/sec)
- Capacity: 256MB~32GB
- Operating voltage: 5V
- MTBF: over 2,000,000 hours(Est.)
- Program/Erase Cycle: over 2,000,000 times(Est.)

### ADM III

ATA Disk Module III



- Connector: 40-pin/44-pin
- Capacity: 128MB~16GB
- Orientation: 90D, 180D, 270D
- Operating voltage: 3.3V/5V
- MTBF: over 2,000,000 hours(Est.)
- Program/Erase Cycle: over 2,000,000 times(Est.)

### ADC III

ATA Disk Chip III

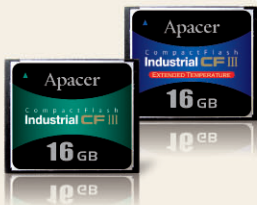


- Sustained Read/Write Speed: 35/20(MB/sec)
- Capacity: 128MB~8GB
- Operating voltage: 3.3V/5.0V
- MTBF: over 2,000,000 hours(Est.)
- Program/Erase Cycle: over 2,000,000 times

## Flash Card Series

### Industrial CF III

Industrial CompactFlash III



- Sustained Read/Write Speed: up to 35/25(MB/sec)
- Capacity: 128MB~16GB
- Operating voltage: 3.3V/5V
- MTBF: over 2,000,000 hours(Est.)
- Program/Erase Cycle: over 2,000,000 times(Est.)

## USB Flash Series

### UDM

USB Disk Module



- Sustained Read/Write Speed: up to 30/20(MB/sec)
- Capacity: 256MB~8GB
- Operating voltage: 5.0V



Extremely rugged and reliable



Cool, quiet and light



Energy efficient



Great performance



Increased security