## SATA SSD Series

**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: -10°C to 70°C (Standard) / -40°C to +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000,000 times (Est.)

## PATA SSD Series

**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 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 to +70°C (Standard) / -40°C to +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

## ATA Flash Drive III

- 1.8”
- 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
- Sustained Read / Write Speed: up to 35 / 25 [MB/sec]
- Capacity: 256MB-32GB
- Operating voltage: 5V
- Operating Temp.: 0°C to +70°C (Standard) / -40°C to +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

## ATA Disk Module III

- 2.5” Mini
- 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 to +70°C (Standard) / -40°C to +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)

## Flash Card Series

**Industrial CompactFlash III**

- Compliant with Compact Flash specifications
- Support built-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 to +70°C (Standard) / -40°C to +85°C (Extended Temperature)
- MTBF: over 2,000,000 hours (Est.)
- Program / Erase Cycle: over 2,000,000 times (Est.)
SATA

Apacer带你进入高速SATA新纪元
110 MB/sec全球最快速固态硬盘，满足严苛环境对速度的要求

比较表

<table>
<thead>
<tr>
<th>功效</th>
<th>SSD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>連線存取速度</td>
<td>110MB/s</td>
<td>58MB/s</td>
</tr>
<tr>
<td>連線寫入速度</td>
<td>50MB/s</td>
<td>55MB/s</td>
</tr>
<tr>
<td>系統啓動時間[Windows Vista]</td>
<td>29sec</td>
<td>48sec</td>
</tr>
<tr>
<td>系統啓動時間[Windows XP]</td>
<td>13sec</td>
<td>28sec</td>
</tr>
<tr>
<td>可靠性</td>
<td>1500G</td>
<td>300G</td>
</tr>
<tr>
<td>重量</td>
<td>75g</td>
<td>115g</td>
</tr>
<tr>
<td>工作温度</td>
<td>-40°C~85°C</td>
<td>0°C~60°C</td>
</tr>
</tbody>
</table>

超高速 連線存取速度可超过110MB/sec
高稳定 抗震耐摔，可於嚴苛的環境運作自如
超耐温 抗高温、耐低温，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5.M.A.R.T技術，即時監看固態硬碟健康狀態
应用面 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)

Apacer 宇瞻科技