ATP CFast Card
Industrial Grade Flash Memory Cards
Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications

Key Features
- Advanced wear leveling algorithm
- Bad block management
- AutoRefresh technology
- PowerProtector
- S.M.A.R.T support

Applications
- Portable computation
- Automation
- Industrial PC
- Gaming
- On board data storage

ATP CFast cards combine the convenient and trusted format of CompactFlash with the speed, capacity and performance of SATA III, while maintaining backward compatibility with other SATA versions.

They are recommended as boot and storage devices in embedded and industrial applications such as avionics/aerospace, automation, marine navigation, telecommunication/networking and medical equipment where mission-critical data requires the highest level of reliability, durability and data integrity.

Special features and technologies include: PowerProtector, which provides a hardware-based backup power circuit during a power failure; Advanced Wear Leveling for higher endurance and longer product life span; ECC (error correction code) and AutoRefresh technologies, which correct and monitor the error bit levels to ensure data integrity in frequently read areas, and S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) function for easy monitoring of various device health parameters to help predict storage failure for preventive action.
To learn more about this product, contact your ATP Representative.

ATP Global Footprint

ATP TAIWAN(HQ)
TEL: +886-2-2659-6368
FAX: +886-2-2659-4982
sales-apac@atpinc.com

ATP USA
TEL: +1-408-732-5000
FAX: +1-408-732-5055
sales@atpinc.com

ATP EUROPE
TEL: +49-89-374-9999-0
FAX: +49-89-374-9999-29
sales-europe@atpinc.com

ATP JAPAN
TEL: +81-3-6260-7097
FAX: +81-3-6260-0798
sales-japan@atpinc.com

ATP CHINA
TEL: +86-21-5080-2220
FAX: +86-21-9687-0000-026
sales@cn.atpinc.com

www.atpinc.com
202002

Specifications

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Premium</th>
<th>Superior</th>
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<tbody>
<tr>
<td>Naming</td>
<td>A800Pi</td>
<td>A600Si</td>
</tr>
<tr>
<td>Flash Type</td>
<td>SLC</td>
<td>iTemp MLC</td>
</tr>
<tr>
<td>Density</td>
<td>8 GB to 32 GB</td>
<td>16 GB to 128 GB</td>
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<tr>
<td>Performance</td>
<td>Sequential Read up to (MB/s)</td>
<td>500</td>
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<td></td>
<td>Sequential Write up to (MB/s)</td>
<td>300</td>
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<td></td>
<td>Random Read IOPS up to</td>
<td>35,800</td>
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<tr>
<td>Interface</td>
<td>SATA III 6 Gb/s</td>
<td></td>
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<tr>
<td>Operating Temperature</td>
<td>-40°C to 85°C</td>
<td>-40°C to 85°C</td>
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<tr>
<td>Endurance</td>
<td>TBW* (max.)</td>
<td>2,667 TB</td>
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<tr>
<td></td>
<td>DWPD* (max.)</td>
<td>46.8</td>
</tr>
<tr>
<td>Reliability Number of Insertions</td>
<td>&gt;2,000,000 hours</td>
<td></td>
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<tr>
<td>Dimensions: L x W x H (mm)</td>
<td>36.4 x 42.8 x 3.6</td>
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* Under highest Sequential write value. May vary by density, configuration and applications.

Technologies & Add-On Services

- Life Monitor
- Sudden Power-Off Recovery
- Advanced Wear Leveling
- AutoRefresh
- Dynamic Data Refresh
- Secure Erase
- Industrial Temperature
- Anti-Sulfur Resistance
- Conformal Coating

Product Line

<table>
<thead>
<tr>
<th>Premium</th>
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Δ: Customization option available on a project basis.