CS1111 Consumer SSD

The PNY CS1111 2.5-inch SATA-III (6 Gb/s) solid state drive (SSD) is the next generation of Optima SSD. It’s an excellent choice for an entry-level solid state drive (SSD) upgrade from a hard disk drive (HDD). PNY CS1111 was designed to be an easy and cost-effective HDD replacement for your existing PC system, helping to realize faster boot times, quicker application launch and better overall system performance—all in a more cost-effective way compared to an HDD. With no moving parts, the PNY CS1111 is highly durable, less likely to fail, and supports up to 3 years of warranty**.

The PNY CS1111 is power-efficient and helps extend the battery life to last longer than an HDD at a competitive price point. These SSDs are available in a range of capacities from 120 to 480 GB using MLC NAND flash memory. PNY’s extensive testing ensures compatibility across various platforms, multiple Operating Systems, and applications that just work hassle-free right out of the box.

The PNY CS1111 SSD is the best choice for the entry-level price conscious consumer looking to upgrade their HDD to an SSD for faster boot up, quicker loading of applications, and power saving for longer battery life. The easy installation guide and bring up helps reap the upgrade benefits right away.

HIGH PERFORMANCE, HIGH VALUE
- Sequential Read of up to 460 MB/s and Write of up to 415 MB/s
- Random Read/Write up to 71,000/73,000 IOPS
- Cost effective HDD replacement for faster boot up, quicker application loading, and better overall performance

LOW POWER CONSUMPTION:  LONG BATTERY LIFE
- Supports power saving features resulting in extended battery life for mobile applications
- Runs cool and quiet

APPLICATIONS
- Entry-level SSD for PC upgrade
- Faster boot up and application launch
- Reliable storage

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Consumer SSD: CS1111</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable Capacities (IDEMA)</td>
</tr>
<tr>
<td>PNY Part Number</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Box Dimensions</td>
</tr>
<tr>
<td>NAND Components</td>
</tr>
<tr>
<td>Interface</td>
</tr>
<tr>
<td>Form Factor</td>
</tr>
<tr>
<td>Dimensions (L × W × H)</td>
</tr>
<tr>
<td>Weight</td>
</tr>
</tbody>
</table>

PERFORMANCE
- Max Sequential Read | 460 MB/s |
- Max Sequential Write | 415 MB/s |
- Random Read IOPS (4kb) | 71,000 IOPS |
- Random Write IOPS (4kb) | 73,000 IOPS |

POWER
- Power Consumption | 2.5W Active, 0.5W Idle |

ENVIRONMENTAL
- Operating Temperature | 0°C ~ 70°C |
- Storage Temperature | -55°C ~ 70°C |
- Certifications | RoHS, CE, FCC, REACH, BSMI |

RELIABILITY / SECURITY
- Mean Time Before Failures (MTBF) | 1,000,000 Hours |
- Data Protection | ECC error correction |
- Secure Erase | Standard, Enhanced Secure Erase |

COMPATABILITY
- Serial ATA | Fully compliant with SATA-HD: Serial ATA Revision 3.0. ATA ATAPI-8 Standard Native Command Queuing (NQD) |
- Power Requirements | Standard SATA Power Connector |

ADDITIONAL FEATURES
- Performance Optimization | TRIM (requires OS support) |
- Service & Support | 3-Year Limited Warranty ** |

*RB (Retail Box), BLK (Bulk)
**Standard warranty is 1 year. Three year warranty granted upon registration at PNY.com within 90 days of purchase.