



2.5-in SSD DATA SHEET

More Computing. Better Value.

## Nytro 1361 SATA SSD Series



Harnessing 112-layer BiCS5 NAND in a SATA 6 Gb/s interface for read-intensive applications, the Seagate® Nytro® 1361 SATA SSD offers easy deployment, high performance with 1 DWPD, low power consumption, power loss data protection, 2M hours MTBF, and optional SED security.



### Best-Fit Applications

- Tiered storage analytics
- Web server
- Cloud
- Database

## Key Advantages

---

Take advantage of a plug-and-play SATA 6 Gb/s interface for legacy environments

---

Feel confident in a solution built to reliably endure 1 DWPD

---

Boost the read/write performance of QoS and data centre applications

---

Require less energy with low power consumption for 24×7 operations

---

Rest easy with included power loss data protection

---

Choose available SED models for advanced security<sup>1</sup>

<sup>1</sup> Self-Encrypting Drives (SED) are not available in all models or countries. May require TCG-compliant host or controller support.



| Specifications  | Nytro 1361 SATA SSD |                   |                   |                   |
|---|---------------------|-------------------|-------------------|-------------------|
| Capacity  | 3.84TB              | 1.92TB            | 960GB             | 480GB             |
| Standard Model  | XA3840LE10006       | XA1920LE10006     | XA960LE10006      | XA480LE10006      |
| SED Model (TCG Opal) <sup>1</sup>                             | XA3840LE10016       | XA1920LE10016     | XA960LE10016      | XA480LE10016      |
| <b>Features</b>   |                     |                   |                   |                   |
| Interface   | SATA 6Gb/s          | SATA 6Gb/s        | SATA 6Gb/s        | SATA 6Gb/s        |
| NAND Flash Type   | 3D TLC              | 3D TLC            | 3D TLC            | 3D TLC            |
| Form Factor   | 2.5 in x 7 mm       | 2.5 in x 7 mm     | 2.5 in x 7 mm     | 2.5 in x 7 mm     |
| <b>Performance</b>  |                     |                   |                   |                   |
| Sequential Read (MB/s) Sustained, 128 KB QD32 <sup>2,3</sup>  | 530                 | 530               | 530               | 530               |
| Sequential Write (MB/s) Sustained, 128 KB QD32 <sup>2,3</sup> | 500                 | 500               | 500               | 450               |
| Random Read (IOPS) Sustained, 4 KB QD32 <sup>2,3</sup>        | 94,000              | 94,000            | 94,000            | 94,000            |
| Random Write (IOPS) Sustained, 4 KB QD32 <sup>2,3</sup>       | 68,000              | 72,000            | 62,000            | 37,000            |
| Average Read Latency (µs), 4 KB QD1 <sup>2,3</sup>            | 130                 | 120               | 130               | 130               |
| Average Write Latency (µs), 4 KB QD1 <sup>2,3</sup>           | 40                  | 30                | 50                | 40                |
| <b>Endurance/Reliability</b>                                  |                     |                   |                   |                   |
| Lifetime Endurance (Drive Writes per Day)                     | 1                   | 1                 | 1                 | 1                 |
| Total Bytes Written (TB)                                      | 6,924               | 3,806             | 1,829             | 865               |
| Non-recoverable Read Errors per Bits Read                     | 1 per 10E17         | 1 per 10E17       | 1 per 10E17       | 1 per 10E17       |
| Mean Time Between Failures (MTBF, hours)                      | 2,000,000           | 2,000,000         | 2,000,000         | 2,000,000         |
| Warranty, Limited (years) <sup>4</sup>                        | 5                   | 5                 | 5                 | 5                 |
| <b>Power Management</b>                                       |                     |                   |                   |                   |
| +5V Active Max Average Power (W)                              | 5.8                 | 5.1               | 4.5               | 3.5               |
| Max Average Idle Power (W)                                    | 2                   | 1.8               | 1.6               | 1.5               |
| <b>Environmental</b>  |                     |                   |                   |                   |
| Temperature, Operating Internal (°C)                          | 0°C – 70°C          | 0°C – 70°C        | 0°C – 70°C        | 0°C – 70°C        |
| Temperature, Non-operating (°C)                               | -40°C – 85°C        | -40°C – 85°C      | -40°C – 85°C      | -40°C – 85°C      |
| Shock, Non-operating: 0.5 ms (Gs)                             | 1,500               | 1,500             | 1,500             | 1,500             |
| <b>Physical</b>   |                     |                   |                   |                   |
| Height (mm/in, max)   | 7.1 mm/0.279 in     | 7.1 mm/0.279 in   | 7.1 mm/0.279 in   | 7.1 mm/0.279 in   |
| Width (mm/in, max)  | 70.1 mm/2.76 in     | 70.1 mm/2.76 in   | 70.1 mm/2.76 in   | 70.1 mm/2.76 in   |
| Depth (mm/in, max)  | 100.35 mm/3.95 in   | 100.35 mm/3.95 in | 100.35 mm/3.95 in | 100.35 mm/3.95 in |
| Weight (lb/g)   | 67 g/0.148 lb       | 61 g/0.134 lb     | 58 g/0.128 lb     | 57 g/0.126 lb     |
| Carton Unit Quantity  | 10                  | 10                | 10                | 10                |

<sup>1</sup> Self-Encrypting Drives (SED) are not available in all models or countries. May require TCG-compliant host or controller support.

<sup>2</sup> Performance data is based on testing under certain workload conditions and is subject to change.

<sup>3</sup> System variations and HBA used will affect measured results.

<sup>4</sup> Refer to Product Manual for more detailed warranty information.

seagate.com



© 2022 Seagate Technology LLC. All rights reserved. Seagate, Seagate Technology, and the Spiral Logo are registered trademarks of Seagate Technology LLC in the United States and/or other countries. Nytro and the Nytro logo are either trademarks or registered trademarks of Seagate Technology LLC or one of its affiliated companies in the United States and/or other countries. All other trademarks or registered trademarks are the property of their respective owners. When referring to drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions, and thus will not be available for data storage. Actual data rates may vary depending on operating environment and other factors, such as chosen interface and disk capacity. The export or re-export of Seagate hardware or software is regulated by the U.S. Department of Commerce, Bureau of Industry and Security (for more information, visit [www.bis.doc.gov](http://www.bis.doc.gov)), and may be controlled for export, import and use in other countries. Seagate reserves the right to change, without notice, product offerings or specifications. DS2107.1-2006GB June 2022