



2.5-in SSD DATA SHEET

More Computing. Better Value.

Nytro 1361 SATA SSD Series

Harnessing 112-layer BiCS5 NAND in a SATA 6Gb/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 6Gb/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 center applications

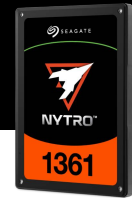
Require less energy with low power consumption for 24×7 operations

Rest easy with included power loss data protection

Choose available SED models for advanced security¹

¹ 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) ¹	XA3840LE10016	XA1920LE10016	XA960LE10016	XA480LE10016
Features				
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 × 7mm	2.5 in × 7mm	2.5 in × 7mm	2.5 in × 7mm
Performance				
Sequential Read (MB/s) Sustained, 128KB QD32 ^{2,3}	530	530	530	530
Sequential Write (MB/s) Sustained, 128KB QD32 ^{2,3}	500	500	500	450
Random Read (IOPS) Sustained, 4KB QD32 ^{2,3}	94,000	94,000	94,000	94,000
Random Write (IOPS) Sustained, 4KB QD32 ^{2,3}	68,000	72,000	62,000	37,000
Average Read Latency (μs), 4KB QD1 ^{2,3}	130	120	130	130
Average Write Latency (μs), 4KB QD1 ^{2,3}	40	30	50	40
Endurance/Reliability				
Lifetime Endurance (Drive Writes per Day)	1	1	1	1
Total Bytes Written (TB)	6,924	3,806	1,829	865
Nonrecoverable 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) ⁴	5	5	5	5
Power Management				
+5V Active Max Average Power (W)	5.8	5.1	4.5	3.5
Max Average Idle Power (W)	2.0	1.8	1.6	1.5
Environmental				
Temperature, Operating Internal (°C)	0°C – 70°C	0°C – 70°C	0°C – 70°C	0°C – 70°C
Temperature, Nonoperating (°C)	-40°C – 85°C	-40°C – 85°C	-40°C – 85°C	-40°C – 85°C
Shock, Nonoperating: 0.5ms (Gs)	1500	1500	1500	1500
Physical				
Height (mm/in, max)	7.10mm/0.279in	7.10mm/0.279in	7.10mm/0.279in	7.10mm/0.279in
Width (mm/in, max)	70.10mm/2.760in	70.10mm/2.760in	70.10mm/2.760in	70.10mm/2.760in
Depth (mm/in, max)	100.35mm/3.950in	100.35mm/3.950in	100.35mm/3.950in	100.35mm/3.950in
Weight (g/lb)	67.0g/0.148lb	61.0g/0.134lb	58.0g/0.128lb	57.0g/0.126lb
Carton Unit Quantity	10	10	10	10

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

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

³ System variations and HBA used will affect measured results.

⁴ Refer to Product Manual for more detailed warranty information.

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