

Enterprise Capacity 3.5 HDD



Data Sheet

VERSION 5

Data Sheet



Capacity-Optimised Enterprise Hard Drive for Bulk-Data Applications

1 TB to 8 TB¹, 3.5-inch enterprise drive with industry-leading CMR technology, for maximum storage per storage slot

Advanced Write Caching feature utilises enhanced algorithms, resulting the industry's highest storage workload performance efficiencies

Reliable access to unstructured data in bulk storage applications

12 Gb/s SAS and SATA 6 Gb/s interfaces in industry-standard formats (512n, 512e and 4Kn) for easy integration into replicated and RAID multi-drive storage servers and systems

State-of-the-art cache, on-the-fly error-correction algorithms, super parity and end-to-end SAS-based data integrity for accurate data storage

Industry-leading rotational vibration design helps ensure consistent performance in dense multi-drive systems

Engineered for 24x7 workloads of 550TB/yr - 10x that of desktop drives

Robust performance with dual processors, ramp load technology, top-cover-attached motor and humidity sensor for optimum performance in all chassis

On-demand PowerBalance™ feature available for lower power/performance in random read/write environments

Seagate Secure® Self-Encrypting Drive featuring Instant Secure Erase for cost-saving drive retirement and secure data-at-rest protection²

Best-Fit Applications

Hyperscale applications/cloud data centres with replicated storage

Massive scale-out data centres and big data analytics

High-capacity density RAID storage

Mainstream enterprise external storage arrays

Distributed file systems, including Hadoop and Ceph

Enterprise backup and restore - D2D, virtual tape

Centralised surveillance

1 Seagate recommends validating your configuration with your HBA/RAID controller manufacturer to ensure full capacity capabilities.

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

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Specifications	4Kn SATA			
	8TB	6TB	4TB	2TB
Capacity	8TB	6TB	4TB	2TB
Base Model	ST8000NM0045	ST6000NM0125	ST4000NM0085	ST2000NM0105
PowerBalance™ Model	—	—	—	—
Seagate Secure® Model ¹	ST8000NM0115	ST6000NM0185	ST4000NM0055	—
Seagate Secure SED-FIPS Model ^{1,2}	ST8000NM0145	ST6000NM0265	—	—
Special Features				
Protection Information (T10 DIF)	—	—	—	—
Humidity Sensor	Yes	Yes	Yes	Yes
SuperParity	—	—	—	—
Halogen-free	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes
PowerBalance™ Technology	Yes	Yes	Yes	Yes
Cache	256 MB	256 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	Yes	Yes	Yes	Yes
Reliability/Data Integrity				
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760
Bytes per Sector	4096	4096	4096	4096
Warranty, Limited (years)	5	5	5	5
Performance				
Spindle Speed (RPM)	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5
Max Sustainable Transfer Rate	249MB/s	226MB/s	226MB/s	226MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16
Interface Ports	Single	Single	Single	Single
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5
Power Consumption				
Idling Average (W)	7.6 W	7.25 W	5.45 W	4.25 W
Average Operating Power	11 W	8.31 W	6.94 W	5.9 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature				
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/250	150/300	150/300
Physical				
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	705 g/1.55 lb	680 g/1.5 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20
Cartons per Pallet / Cartons per Layer	40 / 8	40 / 8	40 / 8	40 / 8

¹ Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

2 FIPS 140-2 Level 2 Certification in process.

3 These base deck dimensions conform to the Small Form Factor Standard (SFF-8201) found at www.sffcommittee.org. For connector-related dimensions, see SFF-8223.

Enterprise Capacity 3.5 HDD



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Specifications	4Kn SAS			
	8TB	6TB	4TB	2TB
Capacity	8TB	6TB	4TB	2TB
Base Model	ST8000NM0065	ST6000NM0105	ST4000NM0095	ST2000NM0115
PowerBalance™ Model	—	—	—	—
Seagate Secure® Model ¹	ST8000NM0095	ST6000NM0205	ST4000NM0075	—
Seagate Secure SED-FIPS Model ^{1,2}	ST8000NM0125	ST6000NM0255	—	—
Special Features				
Protection Information (T10 DIF)	Yes	Yes	Yes	Yes
Humidity Sensor	Yes	Yes	Yes	Yes
SuperParity	Yes	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes
PowerBalance™ Technology	Yes	Yes	Yes	Yes
Cache	256 MB	256 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	Yes	Yes	Yes	Yes
Reliability/Data Integrity				
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760
Bytes per Sector	4096, 4160, 4224	4096, 4160, 4224	4,096, 4,160, 4,224, 4096, 4160, 4224	4096, 4160, 4224
Warranty, Limited (years)	5	5	5	5
Performance				
Spindle Speed (RPM)	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0
Max Sustainable Transfer Rate	249MB/s	226MB/s	226MB/s	226MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16
Interface Ports	Dual	Dual	Dual	Dual
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5
Power Consumption				
Idling Average (W)	8.5 W	8.37 W	6.52 W	4.57 W
Average Operating Power	12 W	9.2 W	7.74 W	6.34 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature				
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/250	150/300	150/300
Physical				
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	705 g/1.55 lb	680 g/1.5 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20
Cartons per Pallet / Cartons per Layer	40 / 8	40 / 8	40/8, 40 / 8	40 / 8

1 Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

2 FIPS 140-2 Level 2 Certification in process.

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Specifications	512e SATA			
	8TB	6TB	4TB	2TB
Capacity	8TB	6TB	4TB	2TB
Base Model	ST8000NM0055	ST6000NM0115	ST4000NM0115	ST2000NM0125
PowerBalance™ Model	ST8000NM0165	ST6000NM0215	—	—
Seagate Secure® Model ¹	ST8000NM0105	ST6000NM0175	ST4000NM0245	—
Seagate Secure SED-FIPS Model ^{1,2}	ST8000NM0155	ST6000NM0275	ST4000NM0225	—
Special Features				
Protection Information (T10 DIF)	—	—	—	—
Humidity Sensor	Yes	Yes	Yes	Yes
SuperParity	—	—	—	—
Halogen-free	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes
PowerBalance™ Technology	Yes	Yes	Yes	Yes
Cache	256 MB	256 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	Yes	Yes	Yes	Yes
Reliability/Data Integrity				
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760
Bytes per Sector	512	512	512	512
Warranty, Limited (years)	5	5	5	5
Performance				
Spindle Speed (RPM)	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5
Max Sustainable Transfer Rate	249MB/s	226MB/s	226MB/s	226MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16
Interface Ports	Single	Single	Single	Single
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5
Power Consumption				
Idling Average (W)	7.6 W	7.25 W	5.45 W	4.25 W
Average Operating Power	11 W	8.31 W	6.94 W	5.9 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature				
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/250	150/300	150/300
Physical				
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.11 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	705 g/1.55 lb	680 g/1.5 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20
Cartons per Pallet / Cartons per Layer	40/8, 40 / 8	40/8, 40 / 8	40 / 8	40 / 8

¹ Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

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Specifications	512e SAS			
	8TB	6TB	4TB	2TB
Capacity	8TB	6TB	4TB	2TB
Base Model	ST8000NM0075	ST6000NM0095	ST4000NM0125	ST2000NM0135
PowerBalance™ Model	ST8000NM0175	ST6000NM0225	—	—
Seagate Secure® Model ¹	ST8000NM0085	ST6000NM0195	ST4000NM0255	—
Seagate Secure SED-FIPS Model ^{1,2}	ST8000NM0135	ST6000NM0285	ST4000NM0235	—
Special Features				
Protection Information (T10 DIF)	Yes	Yes	Yes	Yes
Humidity Sensor	Yes	Yes	Yes	Yes
SuperParity	Yes	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes
PowerBalance™ Technology	Yes	Yes	Yes	Yes
Cache	256 MB	256 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	Yes	Yes	Yes	Yes
Reliability/Data Integrity				
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760
Bytes per Sector	512, 520, 528	512, 520, 528	512, 520, 528	512, 520, 528
Warranty, Limited (years)	5	5	5	5
Performance				
Spindle Speed (RPM)	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0
Max Sustainable Transfer Rate	249MB/s	226MB/s	226MB/s	226MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16
Interface Ports	Dual	Dual	Dual	Dual
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5
Power Consumption				
Idling Average (W)	8.5 W	8.37 W	6.52 W	4.57 W
Average Operating Power	12 W	9.2 W	7.74 W	6.34 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature				
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/250	150/300	150/300
Physical				
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	705 g/1.55 lb	680 g/1.5 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20
Cartons per Pallet / Cartons per Layer	40 / 8, 40/8	40 / 8, 40/8	40 / 8	40 / 8

¹ Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

2 FIPS 140-2 Level 2 Certification in process.

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Specifications	512n SATA				
	6TB	4TB	3TB	2TB	1TB
Capacity	6TB	4TB	3TB	2TB	1TB
Base Model	ST6000NM0235	ST4000NM0035	ST3000NM0005	ST2000NM0055	ST1000NM0055
PowerBalance™ Model	—	—	—	—	—
Seagate Secure® Model ¹	—	ST4000NM0045	ST3000NM0015	ST2000NM0065	ST1000NM0065
Seagate Secure SED-FIPS Model ^{1,2}	—	ST4000NM0105	ST3000NM0055	—	—
Special Features					
Protection Information (T10 DIF)	—	—	—	—	—
Humidity Sensor	Yes	Yes	Yes	Yes	Yes
SuperParity	Yes	Yes	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes	Yes
PowerBalance™ Technology	No	No	No	No	No
Cache	256 MB	128 MB	128 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	No	No	No	No	No
Reliability/Data Integrity					
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760	8,760
Bytes per Sector	512	512	512	512	512
Warranty, Limited (years)	5	5	5	5	5
Performance					
Spindle Speed (RPM)	7,200	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5	6.0, 3.0, 1.5
Max Sustainable Transfer Rate	215MB/s	215MB/s	215MB/s	215MB/s	215MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16	4.16
Interface Ports	Single	Single	Single	Single	Single
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5	12.5
Power Consumption					
Idling Average (W)	8.15 W	5.45 W	5.45 W	4.25 W	4.25 W
Average Operating Power	9.8 W	6.9 W	6.9 W	5.91 W	5.91 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature					
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/300	150/300	150/300	150/300
Physical					
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	704 g/1.55 lb	704 g/1.55 lb	610 g/1.34 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20	20
Cartons per Pallet / Cartons per Layer	40/8	40/8	40/8	40/8	40/8

¹ Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

2 FIPS 140-2 Level 2 Certification in process.

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Specifications	512n SAS				
	6TB	4TB	3TB	2TB	1TB
Capacity	6TB	4TB	3TB	2TB	1TB
Base Model	ST6000NM0245	ST4000NM0025	ST3000NM0025	ST2000NM0045	ST1000NM0045
PowerBalance™ Model	—	—	—	—	—
Seagate Secure® Model ¹	—	ST4000NM0065	ST3000NM0035	ST2000NM0085	ST1000NM0075
Seagate Secure SED-FIPS Model ^{1,2}	—	ST4000NM0135	ST3000NM0045	—	—
Special Features					
Protection Information (T10 DIF)	Yes	Yes	Yes	Yes	Yes
Humidity Sensor	Yes	Yes	Yes	Yes	Yes
SuperParity	Yes	Yes	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes	Yes	Yes
PowerChoice™ Technology	Yes	Yes	Yes	Yes	Yes
PowerBalance™ Technology	No	No	No	No	No
Cache	256 MB	128 MB	128 MB	128 MB	128 MB
Advanced Write Caching (Internal NOR flash)	No	No	No	No	No
Reliability/Data Integrity					
Vibration, Non-operating: 10 Hz to 500 Hz (Grms)	5	5	5	5	5
MTBF	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Reliability Rating @ Full 24x7 Operation (AFR)	0.44%	0.44%	0.44%	0.44%	0.44%
Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15	1 sector per 10E15
Power-on Hours	8,760	8,760	8,760	8,760	8,760
Bytes per Sector	512	512	512	512	512
Warranty, Limited (years)	5	5	5	5	5
Performance					
Spindle Speed (RPM)	7,200	7,200	7,200	7,200	7,200
Interface Access Speed (Gb/s)	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0	12.0, 6.0, 3.0
Max Sustainable Transfer Rate	215MB/s	215MB/s	215MB/s	215MB/s	215MB/s
Average Latency (ms)	4.16	4.16	4.16	4.16	4.16
Interface Ports	Dual	Dual	Dual	Dual	Dual
Rotational Vibration @ 1,500 Hz (rad/s ²)	12.5	12.5	12.5	12.5	12.5
Power Consumption					
Idling Average (W)	8.57 W	6.52 W	6.52 W	4.75 W	4.75 W
Average Operating Power	10.86 W	7.74 W	7.74 W	6.3 W	6.3 W
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V	+12 V and +5 V
Environmental/Temperature					
Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C	5°C – 60°C
Shock, Operating Read/Write (Gs)	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs	70/40 Gs
Shock, Non-operating, 1 ms/2 ms (Gs)	150/250	150/300	150/300	150/300	150/300
Physical					
Height (mm/in) ³	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in	26.1 mm/1.028 in
Width (mm/in, max) ³	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max) ³	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in	147 mm/5.787 in
Weight (lb/g)	780 g/1.72 lb	680 g/1.5 lb	680 g/1.5 lb	610 g/1.34 lb	610 g/1.34 lb
Carton Unit Quantity	20	20	20	20	20
Cartons per Pallet / Cartons per Layer	40/8	40/8	40/8	40/8	40/8

¹ Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

2 FIPS 140-2 Level 2 Certification in process.

3 These base deck dimensions conform to the Small Form Factor Standard (SFF-8201) found at www.sffcommittee.org. For connector-related dimensions, see SFF-8223.

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