



DATA SHEET Trusted. Efficient. Versatile. **Exos 7E2**



The Seagate[®] Exos[™] 7E2 enterprise hard drives with 1 TB and 2 TB capacities are specifically designed to address the needs of storing unstructured data cost-effectively. The traditional 512-native format with a 6 Gb/s SATA interface ensures easy integration into legacy storage servers and systems.



Best-Fit Applications

- Legacy mainstream applications requiring 512n block size
- Hyperscale applications/cloud data centres with replicated storage
- Scale-out data centres and Big Data analytics
- High-capacity density RAID storage
- Mainstream enterprise external storage arrays (SAN, NAS, DAS)
- Distributed file systems, including Hadoop and Ceph
- Enterprise backup and restore D2D, virtual tape
- Centralised surveillance

Reliable Data Center-Grade Hard Drive Within Reach

The Exos 7E2 hard drives support up to 2 TB per drive,¹ offering economical storage for traditional 512-native infrastructures requiring a highly reliable enterprise hard drive. Exos 7E2 provides the most cost-effective, reliable access to unstructured data in bulk storage applications. Built on field-proven 9th generation conventional magnetic recording (CMR) technology, the Exos 7E8 drive helps to catalyse the datasphere, enabling data centre architects and IT professionals to deliver trusted performance, rock-solid reliability, ironclad security and low TCO for demanding 24×7 operations.

Robust Bulk Data Storage for a 24×7 World

The Exos 7E2 hard drives are proven, enterprise-class hard drives with enterprise-grade reliability backed by a 2 million hour MTBF rating. With state-of-the-art cache, on the fly error-correction algorithms and rotational vibration design, the Exos 7E2 helps ensure consistent performance in replicated and RAID multi-drive systems.

Consistent, High Performance and Compatibility for Legacy Data Centre Applications

Meet your storage workload requirements with the most efficient and cost-effective SATA 6 Gb/s drive in a 3.5-inch data centre footprint. With user-definable innovative technology advancements like PowerChoice[™] and Seagate RAID Rebuild[®], you can tailor your bulk storage requirements for even greater improvements in your TCO.

Enhanced Enterprise Reliability, Data Protection and Security

The Exos 7E2 series delivers firmware security features to help protect data where it lives — on the drive. Exos 7E2 hard drives safeguard firmware with authentic Secure Downloads & Diagnostics.

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





Short orderConstructCopany (************************************				
Base Model ST2000M0008 ST1000M0000 Feators Use Midogan Yes SuperTarity Yes Yes Law Midogan Yes Yes Reave Checkon ¹¹ Tachnology Yes Yes Stages PADL Readel ¹¹ Cacheology Yes Yes Marine Readeling Stafe Read Read Frances (Yes R) 5 5 Marine Readelings for Yes (Yes R) 5 5 5 Marine Readelings for Yes (Yes R) 5 5 5 Marine Stages Stard (Yes R) 5 5 5 Middel Markery (yes R) 7 7 7 Stard Stage (PAP)	Specifications			
Feddrag Ves Ves SupP Parly Yes Yes Low Halogon Yes Yes Deve Chorkogy Yes Yes Sagata PAAD Paabulit Technology Yes Yes Carlos 139 M8 128 M8 Sadata PAAD Paabulit Technology Yes 200000 Sadata PAAD Paabulit Starting Pathotsensity Yes 200000 Man Time Bobeon Failure (MTBF), tecnt] 2000000 2000000 Man Time Bobeon Failure (MTBF), tecnt] 2001000 3780 3780 Powe-Christer Park (MAR) 1 seature prEETS 38708 38708 Powe-Christer Park (MAR) 5 5 38708 Park Christer Park (MAR) 5 632.0.15 5 30.0.15 Marker Marker Marker Sadan 5 5 30.0.15 <t< td=""><td>Capacity</td><td>2 TB</td><td>1 TB</td></t<>	Capacity	2 TB	1 TB	
SpenPhy Yes Yes Lan Halogan Yes Yes DewChlos' Technology Yes Yes Seage HAD Rebuld Technology Yes Yes Soade Technology Yes Yes Soade Temare Security Yes Yes Cacle 138 MB 138 MB Editation Nanoparating 101 In 500 Int (Smat) 5 5 Man Time Beener Pair ce (MTBF, Icora) 2.000.000 2.000.001 Relating Rearge Fail Ser, Operation (AFR) 0.44% 0.44% Non-concredit Rearge Bank Max 1.800400 pr 1015 1.8002 pr 1015 Prove-On-Hours per Yes (24-7) 0.700 0.700 Prove-On-Hours per Yes (24-7) 0.700 7.00 Prove-On-Hours per Yes (24-7) 0.700 7.00 Prove-On-Hours per Yes (24-7) 0.700 7.	Base Model	ST2000NM0008	ST1000NM0008	
Ler Halogen Yes Yes Pawe Choose T schwolay, Yes Yes Segate NAD Redulf Technology Yes Yes Sob Firmware Socurity Yes Yes Sob Firmware Socurity Yes Yes Cache 128 MB 128 MB Bialatility Editation Statures 128 MB 128 MB Wataron, Non-operating 101± to 500 Hz (Orma) 5 5 Mare Time Between Failures (MFE: Nors) 2.000,000 2.000,000 Mare Time Between Failures (MFE: Nors) 2.000,000 2.000,000 Non-recoverable Read Errors pyr Bills Road, Max 1 sector per 10815 1 sector per 10815 Power Chinkars per Vare (P&-7) 8.700 6.780 Power Chinkars per Vare (P&-7) 8.700 6.780 Power Chinkars per Vare (P&-7) 8.700 7.200 Warrank (years) 5 5 Perform Social 5.20 7.200 Warrank (years) 4.16 4.18 Average Latency (real) 4.16 4.18 Average Latency (real) 4.71	Features			
PereorDince "Technology Yes Yes Sangan FAD Robuid "Tochology Yes Yes Sangan FAD Robuid "Tochology Yes Yes Sangan FAD Robuid "Tochology Yes Yes Cache 128 M8 128 M8 Ballobality/Disk Integrity 128 M8 128 M8 Vation, Non-oparting: 10 Hz I: 5800 Hz (Orma) 5 5 Mean Time Retrieves Failures (UTEF, Yours) 2.000.000 2.000.000 Ballobality, Raing @ Fail 24-7 Oparaton (AFR) 0.44% 0.44% Anti-covorating Read Trices pet Bit Read, Max 1 sector per UE(5 1 sector per UE(5 Entited Warrarky (years) 5 5 5 Prove-On-Uncar per Year (24-7) 8.700 8.700 8.700 Brito per Sociol 512 512 512 Limited Wararky (years) 5 5 7.200 Rothore Sociol 6.0, 3.0, 1.5 6.0, 3.0, 1.5 Max. Subiand Tractor Main (MBA) 194 4.16 Mares Subjer Regard Marroy (mb) 4.16 4.16 Instrator Avariant Carastor	SuperParity	Yes	Yes	
Bagge RAD Rebuild Technology Yes Yes SDAD Finware Society Yes Yes SDAD Finware Society Yes Yes Stable Finware Society Yes Yes Vibration: Non-operating 10Hz to SOH (Serms) 5 5 Mart Time Bebresch MTBP, hours) 2000,000 2000,000 Reliability Rating @ Full 24 /7 Operation (AFR) 0.44% 0.44% Non-recoverable Read Errors per Bits Rout, Max 1 sector per 10E15 1 sector per 10E15 Power-On-Hourp Vera (24.7) 0.700 0.700 0.700 Spes per Societ 512 512 512 Limited Warranky (vors) 5 5 7 Socied Socied (DNA) 7.000 7.000 14 Marca Marcas Speed (DNA) 6.0.30, 15 6.0.30, 15 6.0.30, 15 Marcas Socied (DNA) 6.0.30, 15 6.0.30, 15 16 Marcas Eduration Yandan (P 1.500 Hz (radis') 125 125 125 Parta Carbona Variation (P 1.500 Hz (radis') 125 125 125 Parta Carbona Variation (P 1.500 Hz (radis	Low Halogen	Yes	Yes	
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Cache 128 M8 Reliability Variation, Non-separating: 10 M2 to 500 H2 (Grma) 5 Mean Time Between Failures (MTBF, hours) 2.000,000 2.000,000 Belakily Hadring & Full 24-7 Operation (AFR) 0.44% 0.44% On recoverable Read Errors per Bite Read, Max 1 sector per 10515 1 sector per 10515 Power-On Hours per Year (24-7) 8,780 8,780 8,780 Bytes per Sector 5 5 Performance 7,200 7,200 7,200 Uninde Wirard by (years) 6 0.3,1,5 0.3,3,1,5 Mass Stationed Transfer Rate OD (MBs, MBs) 194 44 194 Average Laborcy (ms) 4,16 4,16 4,16 Here too Ports Single Single Single Rotational Mixedino (@ 1,500 Hz (rads ¹) 4,7 7 7 Power Sappy Requirements +12 V and +5 V +12 V and +5 V +12 V and +5 V Event Sappy Requirements -14 V and +5 V 5 5 Typical Operating (*O) 5*C - 6*O*C 5*C - 6*O*C 5*C -	Seagate RAID Rebuild® Technology	Yes	Yes	
Reliability/Data Integrity S 5 Vibration, Non-operating: 1014 to 500 Hz (Grms) 5 5 Marm Time Bowers Palures (MER ; Evans) 2.000,000 2.000,000 Reliability Raing @ Full 24-7 Operation (AFR) 0.44% 0.44% Non-recoverable Read Errors per Bits Read, Max 1 sector per 10E15 1 sector per 10E15 Power On Hours per Year (24-7) 8,760 8,760 8,760 Price per Sector 512 512 512 Limited Warrary (vers) 5 5 5 Performance 7,200 7,200 7,200 Interface Access Space (Db1s) 6.0.3.0.1,5 6.0.3.0.1,5 16.0.3.0.1,5 Max. Sactamed Transfer Rato DO (MBs, MBits) 194 416 416 Interface Access Space (Ob1s) 6.0.3.0.1,5 10.5 10.5 Max. Sactamed Transfer Rato DO (MBs, MBits) 194 416 416 Interface Access Space (Ob1s) 6.0.3.0.1,5 10.2,5 12.5 Power Construction 12.5 Power Construction 12.5 Power Construction (of 1) 7 <td>SD&D Firmware Security</td> <td>Yes</td> <td>Yes</td>	SD&D Firmware Security	Yes	Yes	
Vibration, Non-operating, 10 Hz to 500 Hz (Grms) 5 Mean Time Between Failure (MTEF, hours) 2,000,000 2,000,000 Reliability Raing @ H2 B4-7 Operation (AFR) 0,44% 0,44% Non-roover adds Read Errors per Bis Read, Max 1 sector per 10E15 1 sector per 10E15 Power-On Hours per York (24-7) 8,780 8,700 Bytes per Sector 512 512 Linnick Warrary (yers) 5 5 Performance 7,200 7,200 Hardson Accoss performance 7,200 7,200 Hardson Accoss Speed (Dks) 60,3,0,1,5 60,3,0,1,5 Max: Sustained Transfer Rate OD (MBis, MBis) 194 194 Average Lutancy (ms) 12,5 12,5 Prove: Consent performance 12,5 12,5 Prove: Consent performance 7 7 Prove: Consent performance 12,2 vard,5 V 1,2 Vard,5 V Prove: Consent performance 7 7 Prove: Consent performance 1,2 Vard,5 V 1,2 Vard,5 V Prove: Consent performance 9,0 Con	Cache	128 MB	128 MB	
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Non-recoverable Read Errors per Bits Read, Max 1 sector per 10E15 1 sector per 10E15 Power-On-Hours per Year (24-7) 8,760 8,750 Bytes per Sector 512 512 Linnied Warraty (years) 5 5 Performance 7,200 7,200 Interface Recess Speed (RMM) 6,0,3,0,1,5 6,0,3,0,1,5 Max: Sustained Transfer Rate OD (MBs, MB/s) 194 194 Average Latency (ms) 4,16 4,16 Interface Recess Speed (RMV) 12,5 12,5 Power Orsuppton 12,5 12,5 Power Oversuppton 4,7 7 Power Suppty Requirements +12 V ard +5 V +12 V ard +5 V Every orsuppty Requirements 5°C-6°C 5°C-6°C Shock, Noer-operating, 1 max) ¹ 28,1 mm/1.028 in 20,3000 Prover Oscuppton 200,300 200,300 Height (Inimin, max) ¹ 28,1 mm/1.028 in 20,1 mm/1.028 in Yord Oscuppton 200,200 200,200 Prover Suppty Requirements 200,2 mm/1.028 in Height (Inimin, max) ¹ </td <td>Mean Time Between Failures (MTBF, hours)</td> <td>2,000,000</td> <td>2,000,000</td>	Mean Time Between Failures (MTBF, hours)	2,000,000	2,000,000	
Power-On Hours per Year (24×7) 8,780 8,780 Bytes per Sector 512 512 Limited Warranty (years) 5 5 Performance 7,200 7,200 Interface Access Speed (Dt/s) 6,0,3,0,15 6,0,3,0,15 Max: Sustained Transfer Rate OD (MBs, MIB's) 194 194 Average Latery (ms) 4,16 4,16 Interface Ports Single Single Rotation @ 1,000 Hz (rads ¹) 125 125 Power Consumption 4,7 4,7 Ide Power, Average Latery Average Latery (Source Consumption 4,12 V and +5 V Transfer Rate, Operating (W) 4,7 7 Power Sock Operating (°C) 5°C - 60°C 5°C - 60°C Shock, Operating 2 ms (Read Write) (Gs) 7040 Gs 7040 Gs Shock, Operating 2 ms (Read Write) (Gs) 26.1 mm/1.028 in 26.1 mm/1.028 in Weight (Inmin, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mmin, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Weight (Ibr) 550 og 1212 lb 550 og 1212 lb <t< td=""><td>Reliability Rating @ Full 24×7 Operation (AFR)</td><td>0.44%</td><td>0.44%</td></t<>	Reliability Rating @ Full 24×7 Operation (AFR)	0.44%	0.44%	
Bytes par Sector 512 Limited Warranty (years) 5 Performance 5 Spindle Speed (RPM) 7.200 Interface Access Speed (Gb/s) 60, 30, 1.5 Max. Sustained Transfer Rate OD (MB/s, MB/s) 194 Average Latency (ms) 4.16 Average Latency (ms) 4.16 Interface Access Speed (Gb/s) 0.500 Hz (radish) Catalonal Witzation @ 1,500 Hz (radish) 12.5 Fourier Consumption 12.5 Power Suppl Regularency (W) 4.7 Typical Operating (W) 7 Power Suppl Regularency (seg) 12.5 Environmental 7 Temperature, Operating (*C) 7 Stock, Noroperating (*C) 5°C – 60°C Shock, Noroperating 1 maz) 26.1 mm/1.028 in Height (innum, max) ¹ 26.1 mm/1.028 in Width (mmin, max) ¹ 101.85 mm/4.01 in Width (mmin, max) ¹ 101.85 mm/4.0	Non-recoverable Read Errors per Bits Read, Max	1 sector per 10E15	1 sector per 10E15	
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Performance Spindle Speed (RPM) 7,200 7,200 Interface Access Speed (Gb/s) 60, 30, 1.5 60, 30, 1.5 Max. Sustained Transfer Rate OD (MB/s, MB/s) 194 194 Average Latery (ms) 194 4.16 Interface Ports Single Single Rotational Vibration @ 1,500 Hz (radis*) 12.5 12.5 Power Gonsumption 4.7 7 Ide Power, Average (W) 7 7 Power Gonsumption 4.7 7 Environmental +12 V and +5 V +12 V and +5 V Environmental 5*C - 60° C 5*C - 60° C Environmental 5*C - 60° C 5*C - 60° C Shock, Operating (*C) 5*C - 60° C 5*C - 60° C Shock, Non-operating 1. ms2 ms (Ga) 200300 200300 Environmental 101.85 mm/1.028 in 26.1 mm/1.028 in Height (inmin, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5	Bytes per Sector	512	512	
Spinde Speed (RPM) 7.200 7.200 Interface Access Speed (Gb/s) 60, 30, 1.5 60, 30, 1.5 Max. Sustained Transfer Rate OD (MB/s, MB/s) 194 194 Average Latency (ms) 4.16 4.16 Interface Ports Single Single Statistical Vitration @ 1.500 Hz (rad/s ^o) 12.5 12.5 Power Consumption 1 4.7 4.7 Typical Operating (W) 7 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V 2.5 Environmental Temperature, Operating 1 ms/2 ms (Gs) 7040 Gs 7040 Gs 5° C - 60° C Shock, Non-operating 1 ms/2 ms (Gs) 7040 Gs 7040 Gs 7040 Gs 500 Gas Shock, Non-operating 1 ms/2 ms (Gs) 200300 200300 200300 200300 Physical 417 mm/1.028 in 2.6.1 mm/1.028 in 2.6.1 mm/1.028 in 2.6.1 mm/1.028 in Width (mm/m, max) ¹ 2.6.1 mm/1.028 in 2.6.1 mm/1.028 in 2.6.1 mm/1.028 in 2.6.1 mm/1.028 in Veight (Ibg) 6.50 g/ 1.212 lb 6.50	Limited Warranty (years)	5	5	
Interface Access Speed (Gb/s) 6.0, 3.0, 1.5 6.0, 3.0, 1.5 Max: Sustained Transfer Rate OD (MB/s, MB/s) 194 194 Average Latercy (ms) 4.16 4.16 Interface Ports Single Single Rotational Vibration @ 1,500 Hz (radis*) 12.5 12.5 Power Consumption 125 12.5 Ide Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental T 7 Temperature, Operating (°C) 5°C -60°C 5°C -60°C Shock, Non-operating 1 ms/2 ms (Gs) 200300 200300 Physical 41 101.85 mm/4.01 in Weight (infmm, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Weight (Ms/g) 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 20 20 Carton Unit Quantity 20 20 Carton Unit Quantity 20 20 Carton Unit Quantity 20 20	Performance			
Max: Sustained Transfer Rate OD (MB/s, MB/s) 194 194 Average Latency (ms) 4.16 4.16 Interface Ports Single Single Rotational Vibration @: 1,500 Hz (radis*) 12.5 12.5 Power Consumption 125 12.5 Ide Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental Temperature, Operating (°C) 5°C - 60°C 5°C - 60°C Shock, Operating 2 ms (Read/Write) (Gs) 7/40 Gs 7/040 Gs 300300 Shock, Nor-operating, 1 ms2 ms (Gs) 200300 200300 200300 Physical 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in Weight (invin, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in Weight (bg) 550 gri 1.212 lb 550 gri 1.212 lb 550 gri 1.212 lb Carton Unit Quantify 20 20 20	Spindle Speed (RPM)	7,200	7,200	
Average Latency (ms) 4.16 4.16 Interlace Ports Single Single Rotational Vibration @ 1,500 Hz (radis*) 12.5 12.5 Power Consumption 12.5 12.5 Idle Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental 1000000 5°C - 60°C 5°C - 60°C Shock, Operating (*C) 5°C - 60°C 5°C - 60°C Shock, Operating 1 ms/2 ms (Gs) 200300 200300 Physical 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in 147 mm/5.787 in Veight (tip(g) 550 gri 1.212 lb 550 gri 1.212 lb 20 Carton Unit Quantity 20 20 20	Interface Access Speed (Gb/s)	6.0, 3.0, 1.5	6.0, 3.0, 1.5	
Interface Ports Single Single Rotational Vibration @ 1,500 Hz (radis*) 12.5 12.5 Power Consumption 1 12.5 12.5 Idle Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12.V and +5.V +12.V and +5.V Environmental 10.5 5*C - 60°C Shock, Operating (*C) 5*C - 60°C 5*C - 60°C Shock, Operating 1 (*C) 5*C - 60°C 5*C - 60°C Shock, Operating 2 ms (Read/Write) (Gs) 70/40 Gs 70/40 Gs Shock, Non-operating 1 ms/2 ms (Gs) 200300 200300 Physical 101.85 mm/4.01 in 101.85 mm/4.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (Imm) 550 gri 1.212 lb 550 gri 1.212 lb Carton Unit Quantity 20 20 Carton Sper Pallet 40 40	Max. Sustained Transfer Rate OD (MB/s, MiB/s)	194	194	
Rotational Vibration @ 1,500 Hz (rad/s³) 12.5 Power Consumption 12.5 Idle Power, Average (W) 4.7 Typical Operating (W) 7 Power Supply Requirements +12 V and +5 V Environmental +12 V and +5 V Temperature, Operating (°C) 5°C - 60°C Shock, Operating (°C) 5°C - 60°C Shock, Non-operating (°C) 5°C - 60°C Shock, Non-operating (°C) 200300 Physical 200300 Height (in/mm, max) ¹ 26.1 mm/1.028 in Vidth (mm/in, max) ¹ 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in Weight (Ib/g) 550 g/1.212 Ib Carton Unit Quantity 20 Carton Sper Pallet 40	Average Latency (ms)	4.16	4.16	
Power Consumption Idle Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental ************************************	Interface Ports	Single	Single	
Idle Power, Average (W) 4.7 4.7 Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental ************************************	Rotational Vibration @ 1,500 Hz (rad/s²)	12.5	12.5	
Typical Operating (W) 7 7 Power Supply Requirements +12 V and +5 V +12 V and +5 V Environmental ************************************	Power Consumption			
Processor +12 V and +5 V +12 V and +5 V Environmental	Idle Power, Average (W)	4.7	4.7	
Environmental Temperature, Operating (°C) 5°C – 60°C 5°C – 60°C Shock, Operating 2 ms (Read/Write) (Gs) 70/40 Gs 70/40 Gs Shock, Non-operating, 1 ms/2 ms (Gs) 200/300 200/300 Physical	Typical Operating (W)	7	7	
Temperature, Operating (°C) 5°C - 60°C 5°C - 60°C Shock, Operating 2 ms (Read/Write) (Gs) 70/40 Gs 70/40 Gs Shock, Non-operating, 1 ms/2 ms (Gs) 200/300 200/300 Physical Height (in/mm, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (Ib/g) 550 g/1.212 lb 550 g/1.212 lb Cartons per Pallet 40 40	Power Supply Requirements	+12 V and +5 V	+12 V and +5 V	
Shock, Operating 2 ms (Read/Write) (Gs) 70/40 Gs 70/40 Gs Shock, Non-operating, 1 ms/2 ms (Gs) 200/300 200/300 200/300 Physical 26.1 mm/1.028 in 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in 147 mm/5.787 in Weight (Ib/g) 550 g/1.212 lb 550 g/1.212 lb 20 Cartons per Pallet 40 40 40	Environmental			
Shock, Non-operating, 1 ms/2 ms (Gs) 200/300 200/300 Physical 26.1 mm/1.028 in 26.1 mm/1.028 in Height (in/mm, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (lb/g) 550 g/1.212 lb 550 g/1.212 lb Cartons per Pallet 40 40	Temperature, Operating (°C)	5°C – 60°C	5°C – 60°C	
Physical Height (in/mm, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (lb/g) 550 g/1.212 lb 550 g/1.212 lb Carton Unit Quantity 20 20 Cartors per Pallet 40 40	Shock, Operating 2 ms (Read/Write) (Gs)	70/40 Gs	70/40 Gs	
Height (in/mm, max) ¹ 26.1 mm/1.028 in 26.1 mm/1.028 in Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (lb/g) 550 g/1.212 lb 550 g/1.212 lb Carton Unit Quantity 20 20 Cartors per Pallet 40 40	Shock, Non-operating, 1 ms/2 ms (Gs)	200/300	200/300	
Width (mm/in, max) ¹ 101.85 mm/4.01 in 101.85 mm/4.01 in Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (lb/g) 550 g/1.212 lb 550 g/1.212 lb Carton Unit Quantity 20 20 Cartons per Pallet 40 40	Physical			
Depth (mm/in, max) ¹ 147 mm/5.787 in 147 mm/5.787 in Weight (lb/g) 550 g/1.212 lb 550 g/1.212 lb Carton Unit Quantity 20 20 Cartons per Pallet 40 40	Height (in/mm, max) ¹	26.1 mm/1.028 in	26.1 mm/1.028 in	
Weight (b/g) 550 g/1.212 lb Carton Unit Quantity 20 Cartons per Pallet 40	Width (mm/in, max) ¹	101.85 mm/4.01 in	101.85 mm/4.01 in	
Carton Unit Quantity 20 20 Cartons per Pallet 40 40	Depth (mm/in, max) ¹	147 mm/5.787 in	147 mm/5.787 in	
Cartons per Pallet 40 40	Weight (Ib/g)	550 g/1.212 lb	550 g/1.212 lb	
	Carton Unit Quantity	20	20	
Cartons per Layer 8 8	Cartons per Pallet	40	40	
	Cartons per Layer	8	8	

1 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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