

Terascale[™] HDD

Data Sheet

High-Capacity, Eco-Friendly, Cost-Effective Storage for Web-Scale Data Centers

- Affordable storage for 24×7 multi-drive replicated environments
- High vibration tolerance for reliable enterprise-class performance
- Low power and cooling costs with the lowest 3.5-inch enterprise drive operating power
- Advanced format logical block management for industry-leading data integrity
- 4TB per drive enables scalable high-capacity storage in 24×7 environments.
- Lower TCO with Seagate[®] Instant Secure Erase for simple drive repurposing or disposal
- SATA 6Gb/s interface optimizes burst performance.

Best-Fit Applications

- Web-scale computing
- Cloud storage servers
- Cloud storage arrays
- Cloud backup storage
- Direct-attached external storage devices (DAS)
- Network-attached storage devices (NAS)



Terascale[™] HDD



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Special FeaturesSeagate Instant Secure EraseOptionalFlagged Write Uncorrectable (Logical Block Management)YesPowerChoice™ On-Demand Power SavingsYesSeaTools™ Diagnostic SoftwareYesS.M.A.R.T. Drive Monitoring and ReportingYesHotplug Operation (per SATA Rev. 3.0 Specifications)YesEnterprise CS Phone SupportLimited	Cartons per Pallet	
Seagate Instant Secure EraseOptionalFlagged Write Uncorrectable (Logical Block Management)YesPowerChoice™ On-Demand Power SavingsYesSeaTools™ Diagnostic SoftwareYesS.M.A.R.T. Drive Monitoring and ReportingYesHotplug Operation (per SATA Rev. 3.0 Specifications)YesEnterprise CS Phone SupportLimited	Cartons per Layer	8
Flagged Write Uncorrectable (Logical Block Management) Yes PowerChoice™ On-Demand Power Savings Yes SeaTools™ Diagnostic Software Yes S.M.A.R.T. Drive Monitoring and Reporting Yes Hotplug Operation (per SATA Rev. 3.0 Specifications) Yes Enterprise CS Phone Support Limited	Special Features	
PowerChoice [™] On-Demand Power SavingsYesSeaTools [™] Diagnostic SoftwareYesS.M.A.R.T. Drive Monitoring and ReportingYesHotplug Operation (per SATA Rev. 3.0 Specifications)YesEnterprise CS Phone SupportLimited	Seagate Instant Secure Erase	Optional
SeaToolsDiagnostic SoftwareYesS.M.A.R.T. Drive Monitoring and ReportingYesHotplug Operation (per SATA Rev. 3.0 Specifications)YesEnterprise CS Phone SupportLimited		
S.M.A.R.T. Drive Monitoring and ReportingYesHotplug Operation (per SATA Rev. 3.0 Specifications)YesEnterprise CS Phone SupportLimited	PowerChoice [™] On-Demand Power Savings	
Hotplug Operation (per SATA Rev. 3.0 Specifications) Yes Enterprise CS Phone Support Limited	SeaTools [™] Diagnostic Software	
Enterprise CS Phone Support Limited	S.M.A.R.T. Drive Monitoring and Reporting	
	Hotplug Operation (per SATA Rev. 3.0 Specifications)	Yes
Limited Warranty (years) 3	Enterprise CS Phone Support	
	Limited Warranty (years)	3

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

2 Seagate recommends validating your configuration with your HBA manufacturer to ensure full 4TB capacity capabilities.

3 Non-ISE models for exception only and may not be readily available through your distribution network.

4 These base deck dimensions conform to the Small Form Factor Standard (SFF-8301) found at www.sffcommittee.org. For connector-related dimensions, see SFF-8323.



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