

Seagate Constellation ES.3 ST4000NM0043 4TB SAS Hard Drive

Specifications

Interface SAS 6 Gb/s Performance Specifications Rotational Speed 7,200 RPM (nominal) Cache 128 MB Transfer Rate, Max Ext (MB/s) 600 MB/s Sustained Data Rate OD 175MB/s Average Latency (ms) 4.16 Reliability/Data Integrity Nonrecoverable Read Errors per Bits Read 1 in 10* Annualized Failure Rate (AFR) 0.63% Physical Dimensions English Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm Depth 147 mm		Product Specifications
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Sustained Data Rate OD 175MB/s Average Latency (ms) 4.16 Reliability/Data Integrity Nonrecoverable Read Errors per Bits Read 1 in 10 ¹⁵ Annualized Failure Rate (AFR) 0.63% Physical Dimensions English Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm		
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Reliability/Data Integrity Nonrecoverable Read Errors per Bits Read 1 in 10 ¹⁵ Annualized Failure Rate (AFR) 0.63% Physical Dimensions English Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm	5MB/s	Sustained Data Rate OD
Nonrecoverable Read Errors per Bits Read 1 in 10 ¹⁵ Annualized Failure Rate (AFR) 0.63% Physical Dimensions English Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm	6	Average Latency (ms)
Annualized Failure Rate (AFR) Physical Dimensions English Height Length 5.787 Inches Width 4.00 Inches Weight Metric Height 26.1 mm		Reliability/Data Integrity
Physical Dimensions English 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm	1 1015	Nonrecoverable Read Errors per Bits Read
English Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm	3%	Annualized Failure Rate (AFR)
Height 1.028 Inches Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric 26.1 mm		Physical Dimensions
Length 5.787 Inches Width 4.00 Inches Weight 1.543 Lbs Metric Height 26.1 mm		English
Width 4.00 Inches Weight 1.543 Lbs Metric 26.1 mm	28 Inches	Height
Weight 1.543 Lbs Metric Height 26.1 mm	87 Inches	Length
Metric Height 26.1 mm	0 Inches	Width
Height 26.1 mm	43 Lbs	Weight
		Metric
Depth 147 mm	1 mm	Height
	7 mm	Depth
Width 101.6 mm	1.6 mm	Width

Weight	0.700 kg	
Environmental Specifications	·	
Shock		
Operating Shock (Read)	70/40 (2 ms)	
Non-operating Shock	300G (2 ms)	
Acoustics (belssound power)	·	
Idle Mode	2.8	
Seek Mode 0	3.0	
Temperature (English)		
Operating	41° F to 131° F	
Non-operating	-40° F to 158° F	
Temperature (Metric)		
Operating	5° C to 60° C	
Non-operating	-40° C to 70° C	
Electrical Specifications		
Current Requirements		
Power Dissipation:		
Read/Write	11.27 Watts	
Idle	6.73 Watts	· · · · · · · · · · · · · · · · · · ·