



Seagate Constellation ES.3 ST4000NM0043 4TB SAS Hard Drive

Specifications

Product 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 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
Depth	147 mm
Width	101.6 mm

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