



## Seagate Enterprise ST14000NM007J internal hard drive 3.5" 14 TB SAS

**Brand :** Seagate

**Product family:** Enterprise

**Product code:** ST14000NM007J

**Product name :**  
ST14000NM007J

14TB, SED-FIPS FastFormat (512e/4Kn), 7200 rpm, 12 Gbit/s

[Seagate Enterprise ST14000NM007J internal hard drive 3.5" 14 TB SAS:](#)

**Market-leading 18 TB HDD** offering the highest capacity available for more petabytes per rack

**Highly reliable performance** with enhanced caching, making it the logical choice for cloud data centre and massive scale-out data centre applications

**Hyperscale SATA model** tuned for large data transfers and low latency

**PowerBalance™** feature optimises Watts/TB

**Maximise total cost of ownership savings** through lower power and weight with helium sealed-drive design

**Proven helium side-sealing weld technology** for added handling robustness and leak protection

**Digital environmental sensors** to monitor internal drive conditions for optimal operation and performance

**Data protection and security** — Seagate Secure™ features for safe, affordable, fast and easy drive retirement

Proven enterprise-class reliability backed by **5-year limited warranty and 2.5M-hr MTBF rating**



Features		Power	
HDD size *	3.5"	Power consumption (write)	9.1 W
HDD capacity *	14 TB	Operating voltage	5 / 12 V
HDD speed *	7200 RPM	<b>Operational conditions</b>	
Interface *	SAS	Operating temperature (T-T)	5 - 60 °C
Type *	HDD	Non-operating vibration	2.27 G
Component for *	Disk array	Operating shock	50 G
HDD interface transfer rate	12 Gbit/s	Non-operating shock	200 G
HDD sustained transfer rate	270 MiB/s	<b>Weight &amp; dimensions</b>	
Mean time between failures (MTBF)	2500000 h	Width	101.8 mm
<b>Power</b>		Height	26.1 mm
Power consumption (typical)	5 W	Depth	147 mm
Power consumption (read)	9.1 W	Weight	650 g
		<b>Packaging data</b>	
		Quantity	20

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