



Seagate ST12000NM001J internal hard drive 3.5" 12 TB

Brand : Seagate

Product code: ST12000NM001J

Product name : ST12000NM001J

12TB, 270MB/s, He, 2,5M hrs, 720RPM, 4.16 ms, 8.6W

[Seagate ST12000NM001J internal hard drive 3.5" 12 TB:](#)

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"	Operating voltage	5 / 12 V
HDD capacity *	12 TB	Operational conditions	
HDD speed *	7200 RPM	Operating temperature (T-T)	5 - 60 °C
Type *	HDD	Non-operating vibration	2.27 G
Component for *	Disk array	Operating shock	50 G
Hot-swap *	✓	Non-operating shock	200 G
HDD interface transfer rate	6 Gbit/s	Weight & dimensions	
HDD average transfer rate	270 MB/s	Width	101.8 mm
Mean time between failures (MTBF)	2500000 h	Height	26.1 mm
Power		Depth	147 mm
Power consumption (typical)	4.4 W	Weight	650 g
Power consumption (read)	8.6 W	Packaging data	
Power consumption (write)	8.6 W	Quantity	20
		Logistics data	
		Harmonized System (HS) code	84717050



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