

Network-Attached Storage Hard Drive Portfolio



Usage Environment	The Connected Home and Small Office Drive
What They Care About	Reliability, Cost
Usage Requirements	24x7, Low Power, Acoustics and Noise Levels, Sustained Heat and High Temperature, Optimized for Video Streaming, Data Backups
Best-Fit Applications	<ul style="list-style-type: none"> • Consumer NAS • Small Business NAS • Desktop RAID • Server • Multi-Bay Tower Enclosures
Seagate Recommendations	NAS HDD
Drive Count	Up to 8-Bay Tower Enclosures
Power Usage	Lowest Power Consumption
Performance	NAS Optimized, 5900 RPM (1TB to 4TB) or 7200 RPM (6TB, 8TB), SATA 6GB/s
Capacity Offering¹	8, 6, 4, 3, 2, 1TB
Workload Rating	180TB/Year
Mean Time Between Failures (MTBF)	1 Million Hours
Reliability and Vibration Features	Dual-Plane Balance
Warranty, Limited	3 Years
Rescue Services, Optional	3 Years

Usage Environment	The Ambitious Business and Creative Professional Drive
What They Care About	Reliability, Data Loss Protection, Scalability
Usage Requirements	24x7, Data Integrity, Performance, High Reliability, Mixed Workloads
Best-Fit Applications	Small- to Medium-Business NAS Devices, such as: <ul style="list-style-type: none"> • Up to 16-Bay NAS Tower or Rackmount Systems • Professional NAS Solutions • RAID Storage
Seagate Recommendations	Enterprise NAS HDD
Drive Count	Up to 16-Bay Tower or Rackmount enclosures
Power Usage	Midrange Power Consumption
Performance	NAS Optimized, 7200 RPM, SATA 6GB/s
Capacity Offering¹	8, 6, 5, 4, 3, 2TB
Workload Rating	300TB/Year
Mean Time Between Failures (MTBF)	1.2 Million Hours
Reliability and Vibration Features	Rotational Vibration Sensors
Warranty, Limited	5 Years
Rescue Services, Optional	5 Years

Usage Environment	The Data Center and Bulk Cloud Storage Drive
What They Care About	Reliability, Performance
Usage Requirements	24x7, High Performance in Random R/W, High Reliability
Best-Fit Applications	<ul style="list-style-type: none"> • High-Density Bulk Storage • JBOD • NAS • DAS
Seagate Recommendations	Enterprise Capacity 3.5 HDD
Drive Count	>5 HDDs
Power Usage	Performance Power Consumption
Performance	Nearline Optimized, 7200 RPM, SATA 6GB/s or SAS 12GB/s
Capacity Offering¹	8, 6, 5, 4, 3, 2, 1TB
Workload Rating	550TB/Year
Mean Time Between Failures (MTBF)	2 Million Hours
Reliability and Vibration Features	Rotational Vibration Sensors
Warranty, Limited	5 Years
Rescue Services, Optional	—

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

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AMERICAS Seagate Technology LLC 10200 South De Anza Boulevard, Cupertino, California 95014, United States, 408-658-1000
 ASIA/PACIFIC Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888
 EUROPE, MIDDLE EAST AND AFRICA Seagate Technology SAS 16-18, rue du Dôme, 92100 Boulogne-Billancourt, France, 33 1-4186 10 00