

Network-Attached Storage Hard Drive Portfolio

	Home or SOHO Collaboration/Backup and Multimedia Entertainment	Cloud-Based Replication Storage and Midrange NAS for Small to Medium Business	Large Enterprise Data Center and Cloud Storage
Usage Environment	The Connected Home and Small Office Drive	The Ambitious Business and Creative Professional Drive	The Data Center and Bulk Cloud Storage Drive
What They Care About	Reliability, Cost	Reliability, Data Loss Protection, Scalability	Reliability, Performance
Usage Requirements	24×7, Low Power, Acoustics and Noise Levels, Sustained Heat and High Temperature, Optimized for Video Streaming, Data Backups	24×7, Data Integrity, Performance, High Reliability, Mixed Workloads	24×7, High Performance in Random R/W, High Reliability
Best-Fit Applications	Consumer NAS Small Business NAS Desktop RAID Server Multi-Bay Tower Enclosures	Small- to Medium-Business NAS Devices, such as: • Up to 16-Bay NAS Tower or Rackmount Systems • Professional NAS Solutions • RAID Storage	 High-Density Bulk Storage JBOD NAS DAS
Seagate Recommendations	NAS HDD	Enterprise NAS HDD	Enterprise Capacity 3.5 HDD
Drive Count	Up to 8-Bay Tower Enclosures	Up to 16-Bay Tower or Rackmount enclosures	>5 HDDs
Power Usage	Lowest Power Consumption	Midrange Power Consumption	Performance Power Consumption
Performance	NAS Optimized, 5900 RPM (1TB to 4TB) or 7200 RPM (6TB, 8TB), SATA 6GB/s	NAS Optimized, 7200 RPM, SATA 6GB/s	Nearline Optimized, 7200 RPM, SATA 6GB/s or SAS 12GB/s
Capacity Offering ¹	8, 6, 4, 3, 2, 1TB	8, 6, 5, 4, 3, 2TB	8, 6, 5, 4, 3, 2, 1TB
Workload Rating	180TB/Year	300TB/Year	550TB/Year
Mean Time Between Failures (MTBF)	1 Million Hours	1.2 Million Hours	2 Million Hours
Reliability and Vibration Features	Dual-Plane Balance	Rotational Vibration Sensors	Rotational Vibration Sensors
Warranty, Limited	3 Years	5 Years	5 Years
Rescue Services, Optional	3 Years	5 Years	_

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

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