BARRACUDA PRO
COMPUTE

SEAGATE

Amazing Versatility and Trusted Dependability Meet Incredible Speed

Lightning-fast performance and titanic storage up to 10 TB give your desktop or creative professional system the edge you need to be your very best. BarraCuda® Pro 3.5-inch drives are also backed by a 5-year limited warranty.

Best-fit Applications

- Desktop or all-in-one PCs
- Home servers
- Creative pros systems
- Entry-level direct-attached storage devices (DAS)

Key Advantages

7,200 RPM makes BarraCuda Pro the fastest 6 TB, 8 TB and 10 TB PC-compute drives on the market.[1]

Large onboard cache is designed to quickly access frequently-used applications and files.

BarraCuda Pro draws a mere 6.8 W, making it one of the lowest-power 3.5-inch drives on the market.[2]

Store data faster with SATA 6 Gb/s interface that optimises burst performance.[1]

Up to 220 MB/s maximum sustained transfer rate.

Worry less with a hard drive that has your back - BarraCuda Pro comes equipped with a 5-year limited warranty.

For 20+ years, the BarraCuda family has delivered super reliable drives.

No capacity constraints. You can have the highest-capacity 3.5-inch PC-compute drive on the market with BarraCuda Pro (up to 10 TB).

[1] Performance may vary depending on user's hardware configuration and operating system.
[2] 10 TB model only.

Specifications	10 TB[1]	8 TB[1]	6 TB[1]
Standard Model Numbers	ST10000DM0004	ST8000DM005	ST6000DM004
Interface Options (with NCQ)	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Features and Performance			
SATA Transfer Rates Supported (Gb/s)	6.0/3.0/1.5	6.0/3.0/1.5	6.0/3.0/1.5
Max Sustained Rate OD (MB/s)	220	220	220
Cache, Multi-segmented (MB)	256	256	256
Configuration/Organisation			
Heads/Discs	7/14	6/12	6/12
Bytes per Sector	4,096	4,096	4,096
Reliability/Data Integrity			
Load/Unload Cycles	300,000	300,000	300,000
Non-recoverable Read Errors per Bits Read, Max	1 per 10^{15}	1 per 10^{15}	1 per 10^{15}
Power-On Hours (per year)	8,760	8,760	8,760
Workload Rate Limit (TB/year)[2]	300	300	300
Warranty, Limited (years)[3]	5	5	5
Power Management			
Startup Power (A)	1.8	2.0	2.0
Operating Mode, Typical (W)	6.8	9.0	9.0
Idle Average (W)[4]	4.5	7.2	7.2
Standby Mode/Sleep Mode, Typical (W)	0.8/0.8	0.6/0.6	0.6/0.6
Voltage Tolerance, Including Noise (5V)	±5%	±5%	±5%
Voltage Tolerance, Including Noise (12V)	±10%	±10%	±10%
Environmental			
Temperature (°C)			
Operating (ambient, min)	0	0	0
Operating (drive case, max)	60	60	60
Halogen-free	Yes	Yes	Yes
RoHS compliance	Yes	Yes	Yes
Physical			
Height (mm/in, max)	26.11/1.028	26.11/1.028	26.11/1.028
Width (mm/in, max)	101.85/4.01	101.6/4.0	101.6/4.0
Depth (mm/in, max)	146.99/5.787	146.99/5.787	146.99/5.787
Weight (g/lb, typical)	650/1.433	780/1.720	780/1.720
Carton Unit Quantity	20	20	20
Cartons per Pallet / Cartons per Layer	40 / 8	40 / 8	40 / 8

[1] One gigabyte, or GB equals one billion bytes; and one terabyte or TB, equals one trillion bytes when referring to drive capacity.

[2] BarraCuda Pro drives are designed for always-on workloads of 300 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

[3] Extended warranty products available. Consult your distributor for details.

[4] Idle information may be based on Idle 1 or Idle 2 specifications. Consult the product manual for more information.