

Product Messaging

Barracuda®

The Power of One

You no longer need to choose between low power, mainstream or performance. **One hard drive** with 7200-RPM performance and capacity points from 250GB to 3TB makes it easier to choose the right drive for any need.

- Desktop, tower or all-in-one personal computers
- Workstations
- Home and small business servers
- Network-attached storage devices
- Direct-attached storage expansion
- Home and small business RAID solutions

Why choose the Barracuda drive?

- **Bigger.** With a 1TB-per-disk, 7200-RPM platform, you get affordable capacity up to 3TB.
- **Faster.** With Seagate® OptiCache™ technology, you get up to 45% faster performance.
- **Simpler.** With Seagate SmartAlign™ technology, your transition to 4K sectors is easy.
- **Stronger.** With Seagate AcuTrac™ technology, you get a more reliable desktop hard drive.
- **Safer.** With Seagate DiscWizard™ software, you get all 3TB without additional hardware requirements.

Barracuda®

The Power of One



Product Descriptions

60-Word

Barracuda® hard drives from Seagate give you the Power of One. One-terabyte-per-disk technology. One drive platform for every capacity need and every desktop storage application. One hard drive qualification effort. One hard drive with trusted performance, reliability and simplicity to deliver the lowest total cost of ownership. Available in capacities up to 3TB with 7200-RPM performance.

40-Word

Barracuda® hard drives from Seagate give you the Power of One. One-terabyte-per-disk technology. One drive platform for every capacity and application. One hard drive qualification effort. One hard drive with trusted performance, reliability and simplicity to deliver the lowest TCO.

20-Word

Seagate® Barracuda® drives give you the Power of One. One terabyte per disk technology. One drive platform for every capacity and application.

www.seagate.com

Product Specifications

Model numbers

ST3000DM001, ST2000DM001, ST1500DM003, ST1000DM003, ST750DM003, ST500DM002¹, ST320DM000¹, ST250DM000¹

Capacity

3TB to 250GB

Interface

SATA 6Gb/s NCQ, SATA 3Gb/s NCQ, SATA 1.5Gb/s NCQ

Cache

64MB and 16MB

Spindle speed

7200 RPM

Sustained data rate (OD)

up to 210MB/s

Operating temperature

0°C to 60°C

Annualized failure rate

<1%

¹ Seagate ships this drive in both 4K- and 512-byte sectors. SmartAlign technology is included on 4K sector drives. Both drives are functionally and physically equivalent.

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