

Green power that will not slow you down

Product Overview

Barracuda® Green

Low power consumption with excellent performance and high-capacity choices



- Up to 20 per cent faster than other eco-friendly hard drives
- Simple, transparent adoption of Advanced Format 4K sectors using Seagate SmartAlign™ technology
- Optimised performance with 64 MB cache and SATA 6 Gb/s interface

“Among the fastest reads and writes of any high-capacity drive; low power consumption.”

— *Maximum PC*

DESKTOP

LAPTOP

SERVERS

STORAGE ARRAYS

SURVEILLANCE DVR

CONSUMER DVR

Barracuda® Green

2 TB, 1.5 TB and 1 TB • 5,900 RPM • SATA 6 Gb/s
and SATA 3 Gb/s



Innovation and Leadership

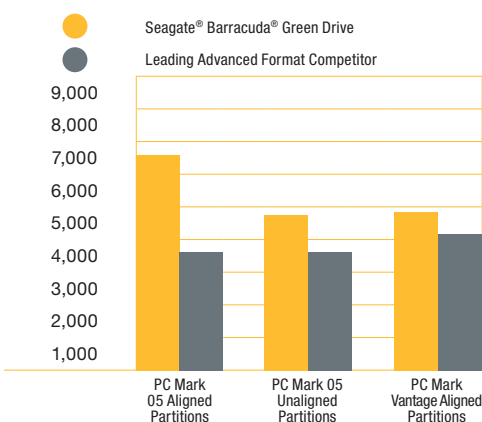
Once again, Seagate leads the industry with high-capacity, eco-friendly drive offerings.

Barracuda Green drives deliver excellent power savings without sacrificing drive or system performance, giving customers the ability to manufacture eco-friendly PC systems and external storage systems that meet energy savings requirements.

As a result, our customers can have the best of both worlds: top hard-drive performance and the satisfaction of knowing that they are using a high-capacity drive with a very small eco-footprint. Of course, Barracuda Green drives comply with the EU Restriction of Hazardous Substance (RoHS) Directive, a regulation that limits hazardous materials in electronic goods.

To Learn More:

Read more about Advanced Format, alignment issues and Seagate SmartAlign™ technology at seagate.com/storage-innovations



The Fastest Eco-Friendly Hard Drives Available

- Sustained data transfer rates of up to 144 MB/s
- Best-in-class PCMark benchmark scores
- Unique 5,900 RPM performance platform

Easy Adoption of Advanced Format using Seagate SmartAlign Technology

- The only utility-free Advanced Format 4K hard drive
- Simple, transparent integration — just like legacy drives
- Demonstrated consistent performance regardless of hard drive partition alignment

Take Advantage of the Latest HDD Controller Technology

- With available SATA 6 Gb/s technology — get full forward and backward compatibility with the SATA 1.0, 2.0 and 3.0 specifications
- Optimise SATA 6 Gb/s performance with a 64 MB cache

Specifications	
Capacities ¹	2 TB, 1.5 TB and 1 TB
Interface	SATA 6 Gb/s NCQ, SATA 3 Gb/s NCQ
Sustained Data Rate (MB/s)	Up to 144
Cache (MB)	64 or 32
Spindle Speed (RPM)	5,900
Acoustics, Idling (bels)	2.1
Acoustics, Seek (bels)	2.3

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

AMERICAS
ASIA/PACIFIC
EUROPE, MIDDLE EAST AND AFRICA

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