

# Desktop

**HARD DISK DRIVE**  
Data Sheet

## The Power of One

The Seagate® Desktop HDD (formerly Barracuda® hard drive) is the industry standard hard drive for mainstream desktop computing, delivering both exceptional reliability and performance. A host of refined technologies helps boost performance further than ever before. The Desktop HDD is perfect for desktop performance towers or all-in-one computers, consumer-grade NAS devices and desktop RAID arrays. In fact, the Desktop HDD gives you one hard drive platform for every desktop storage application. One drive with trusted performance, reliability and simplicity in capacities up to 4TB.

1TB-per-disk technology incorporates 340,000 unique tracks in the width of a single inch. This incredible storage density drives new capacity possibilities and lowers your total storage costs.

Perpendicular recording technology increases performance and reliability by aligning the data bits vertically on the disk. Additionally, Seagate OptiCache™ technology helps boost overall performance by as much as 45% over the previous generation, and Seagate AcuTrac™ technology provides reliable performance, even in tough environments. The free Seagate DiscWizard™ software allows you to install 3TB and 4TB hard drives in Windows, including XP, without UEFI BIOS.<sup>1</sup>

<sup>1</sup> This high-capacity drive may require a special driver for Windows to access disk capacity above 2TB. Visit <http://www.seagate.com/beyond-2TB> for more information.



# Desktop

## HARD DISK DRIVE

### Specifications

Retail Packaging	Product Dimensions	Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Length (in/mm)	5.75/146.05	5.88/149.35	6.5/165.1	48.0/1219.2
Width (in/mm)	4.0/101.6	7.38/187.45	16.0/406.4	40.0/1016
Depth (in/mm)	0.5/12.7	2.88/73.15	6.0/152.4	46.0/1168.4
Weight (lb/kg)	0.90/0.408	1.95/0.89	8.45/3.83	944.0/428.19
Quantities				
Boxes per Master Carton	4			
Master Cartons per Pallet	108			
Pallet Layers	6			
System Requirements				
Windows Vista®, Windows® XP, Windows 2000 Pro, Windows 7				
Power Mac® G5 and newer with Mac OS X 10.2 or higher				
Linux				
SATA interface connector on motherboard or add-in SATA card				
<b>For Desktop HDD 3TB and 4TB models<sup>1</sup></b>				
6Gb/s SATA interface connector on motherboard or add-in card (backward compatible to SATA 3Gb/s)				
Windows 8, Windows 7, Windows Vista, Windows XP Service Pack 3				
System Memory: 1GB and higher for 32-bit systems; 2GB and higher for 64-bit systems				
Mac OS X 10.6 Snow Leopard or higher				
Linux				
Inside the Box				
Seagate® Desktop HDD (3.5-inch hard disk drive)		Mounting screws		
Interface cable		Quick installation guide		
Power cable		2-year limited warranty		

Region	Product	Capacity <sup>2</sup>	Cache	Model Number	UPC Code	Multi-Pack UPC
PANAM	Desktop HDD	1TB	64MB	ST310005N1A1AS-RK	763649005828	10763649005825
PANAM	Desktop HDD	2TB	64MB	STBD2000101	763649033227	10763649033224
PANAM	Desktop HDD	3TB <sup>1</sup>	64MB	STBD3000100	763649033234	10763649033231
WW	Desktop HDD	4TB <sup>1</sup>	64MB	STBD4000400	763649044896	10763649044893

<sup>1</sup> This high-capacity drive may require a special driver for Windows to access disk capacity above 2TB. Visit <http://www.seagate.com/beyond-2TB> for more information.

<sup>2</sup> One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one thousand billion bytes when referring to drive capacity.

[www.seagate.com](http://www.seagate.com)

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