

Technical Specifications

HP 9.5mm Slim Removable SATA 500GB

Models

HP 9.5mm Slim Removable SATA 500GB

T7G14AA



Introduction

Affordably expand your storage and add a second drive to your HP Desktop PC with the HP 9.5mm Slim Removable SATA 500 GB Drive¹, which includes a 500 GB hard drive¹, frame, and carrier.

1. For hard drives and SSDs, GB = 1 billion bytes. Actual formatted capacity is less.

NOTE: Intel® Smart Response Technology is not in the same system when using the HP Slim Removable SATA HDD Frame/Carrier.

Key Benefits

- Simply insert the 2.5-inch 500 GB¹ SATA hard disk drive into the included sturdy metal carrier for easy removal, transport, and storage as needed.
- Enjoy 500 GB¹ of hard drive storage spaced and SATA data transfer speeds up to 6 Gb/s.

Compatibility

The HP 9.5mm Slim Removable SATA 500GB is compatible with: HP ProDesk 600 G2 MTW, HP ProDesk 600 G2 SFF, HP ProOne 600 G2 AIO 21.5" Touch, HP ProOne 600 G2 AIO 21.5" Non-Touch, HP EliteDesk 705 G2 MT, HP EliteDesk 705 G2 SFF, HP EliteOne 705 G2 AIO 23" Touch, HP EliteOne 705 G2 AIO 23" Non-Touch, HP EliteDesk 800 G2 TWR, HP EliteDesk 800 G2 SFF, HP EliteOne 800 G2 AIO 23" Touch, HP EliteOne 800 G2 AIO 23" Non-Touch.

NOTE: Please check this product's web page on HP.com for current compatibility information.

NOTE: Not all models are available in all regions.

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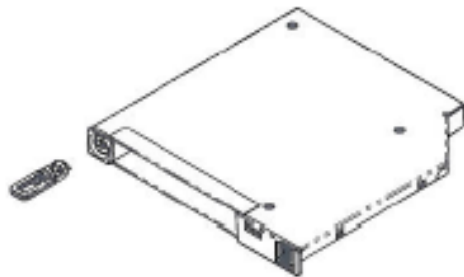
Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

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Enclosure



Bay support	Fits into standard 12.7mm slimline optical drive bays
Drive types supported	2.5" SATA Hard Drives (up to 6 Gbps). Hot swapping is not supported.
Serial ATA types and speeds supported	SATA: up to 6 Gbps
Connectors	One (1) SATA data connector One (1) 6-pin SATA slimline power connector
Dimensions (L x W x D) - Frame and Carrier	4.96" x 0.5" x 5.04" (126mm x 12.7mm x 128mm)
Weight - Frame & Carrier	Without drive: 0.68 pounds (includes accessories)
Operating systems supported	Windows 10 Pro 64* Windows 10 Home 64* Windows 8.1 Pro 64** Windows 8.1 64** Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)*** Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro)*** Windows 7 Professional 64** Windows 7 Professional 32** Windows Server 2012, 2008, and 2003 product families

Linux distributions that support SATA

*Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

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***This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

Regulatory approvals	Compliant	EMI Standard: FCC Part 15 Class B, CE EMC Standard: EN55022, EN55024
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Hard Disk Drive

HP 500GB 7.2K SATA 6.0Gb/s 2.5 inch Hard Disk Drive¹

Capacity	500,107,862,016 bytes ¹		
Rotational Speed	7,200 rpm		
Interface	Serial ATA 2.0 (6.0 Gb/s)		
Buffer Size	16MB		
Logical Blocks	976,773,168		
Seek Time (typical reads, includes controller overhead, including setting)	Single Track:		2.0 ms
	Average:		12 ms
	Full Stroke:		25 ms
Height (nominal)	0.374 in/9.5 mm		
Width (nominal)	Media Diameter:		2.5 in/63.5 mm
	Physical Size:		2.75 in/70 mm
Operating Temperature	41° to 131°F (5° to 55° C)		
Option kit contents	HP Slim Removable SATA HD Frame/Carrier (Frame, carrier rails, supplied screws, user guide) HP 500GB 7.2K SATA 6.0Gb/s 2.5 inch Hard Disk Drive		
Available Bezel Support Kits (sold separately)	E1C66AA		HP (10 Sets) 600/800 TWR Bezel Support Kit
	E3F27AA		HP (10 Sets) 600/800 SFF Bezel Support Kit
	E3F28AA		HP (10 Sets) 800 USDT Bezel Support Kit
	E1C67AA		HP (10 Sets) 400 G1 Bezel Support Kit

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Date of change:	Version History:	Action	Description of change:
	From v1 to v2		