Data sheet

HP 9.5mm Slim Removable SATA 500GB

Affordably expand your storage

Add a second drive to your HP Desktop PC with the HP 9.5mm Slim Removable SATA 500 GB Drive[1], which includes a 500 GB hard drive[1], frame, and carrier.

Simple setup

Simply insert the 2.5-inch 500 GB[1] SATA hard disk drive into the included sturdy metal carrier for easy removal, transport, and storage as needed.

Hard drive storage

Enjoy 500 GB[1] of hard drive storage spaced and SATA data transfer speeds up to 6 Gb/s.

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

Specifications

HP 9.5mm Slim Removable SATA 500GB

Model number	T7G14AA	
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 SATA 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, 8.1, 7, Server 2012, 2008, and 2003 product families.	
Regulatory approvals	**Compliant**	EMI Standard: FCC Part 15 Class B, CE EMC Standard: EN55022, EN55024
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:** **Average:** **Full Stroke:**	2.0 ms 12 ms 25 ms
Height (nominal)	0.374 in/9.5 mm	
Width (nominal)	**Media Diameter:** **Physical Size:**	2.5 in/63.5 mm 2.75 in/70 mm
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	E1C66AA, HP (10 Sets) 600/800 TWR Bezel Support Kit	
Kits (sold separately)	HP 600/800 SFF Bezel Support Kit (E3F27AA), HP 800 USDT Bezel Support Kit (E3F28AA), HP (10 Sets) 400 G1 Bezel Support Kit (E1C67AA).	

Sign up for updates
hp.com/go/getupdated

Share with colleagues

Rate this document

© Copyright 2015 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

4AA6-3936ENW, January 2016