



Seagate Desktop HDD 120GB HDD 3.5" Serial ATA II

Brand : Seagate

Product family: Desktop HDD

Product code: ST3120813AS

Product name : 120GB HDD

120GB HDD, SATA, 7200rpm, 8MB Cashe

[Seagate Desktop HDD 120GB HDD 3.5" Serial ATA II:](#)

Set CMOS hard drive setup to Auto-Detect with LBA mode enabled.

INT13 Extensions and LBA mode in BIOS and FAT32 or NTFS-based file systems are required to acheive full capacity. FAT32 file system can create single partitions and logical drives up to 2TB.

Windows XP Service Pack 1 or Windows 2000 Service Pack 3 with 48-bit LBA Address drivers are required for native support of ATA (IDE) disc drives greater than 137GB.

Windows 98, Windows Millennium and Windows NT 4.x all have 137GB native limitations supporting ATA (IDE) disc drives. Third-party device drivers may be available from motherboard or host adapter manufacturers for these legacy Windows operating systems.

Already low-level formatted at the factory.

Seagate Desktop HDD 120GB HDD. HDD size: 3.5", HDD capacity: 120 GB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Storage relative humidity (H-H)	5 - 95%
HDD capacity *	120 GB	Operating vibration	0.5 G
HDD speed *	7200 RPM	Non-operating vibration	5 G
Interface *	Serial ATA II	Operating altitude	-60.96 - 3048 m
Type *	HDD	Non-operating altitude	-60.96 - 12192 m
Storage drive buffer size	8 MB	Operating shock	63 G
Read seek time	8 ms	Non-operating shock	350 G
Write seek time	9 ms	Weight & dimensions	
Track to track seek time	0.8 ms	Width	101.6 mm
Average latency	4.16 ms	Height	26.1 mm
Bytes per sector	512	Depth	147 mm
Start/stop cycles	50000	Weight	580 g
Power		Other features	
Operating voltage	5 / 12 V	Drive devices burst data transfer rate (DMA)	2
Start-up current	2.6 A	Drive devices burst data transfer rate (PIO)	4
Operational conditions		Drive devices burst data transfer rate (Ultra DMA)	5
Operating temperature (T-T)	0 - 60 °C	Drive ready time	10 s
Storage temperature (T-T)	-40 - 70 °C		
Operating relative humidity (H-H)	5 - 90%		

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