

## Seagate Momentus 120GB 2.5" SATA 2.5" Serial ATA

**Brand :** Seagate

**Product family:** Momentus

**Product code:** ST9120821AS

**Product name :** 120GB 2.5" SATA

120GB 2.5" SATA

### Seagate Momentus 120GB 2.5" SATA 2.5" Serial ATA:

Seagate Momentus 5400.2 enables the freedom of mobility and enhanced productivity with 5400-RPM performance. Users experience almost 50 percent more performance compared to 4200-RPM drives, but low power consumption enables users to work longer. Seagate extends Serial ATA as an option by leveraging the award-winning SATA technology available on the Seagate Barracuda family.

#### Features Benefits

- SoftSonic FDB motor - Delivers inaudible operating acoustics
- QuietStep ramp load technology - Enables whisper-quiet load/unload acoustics and 900 G's of non-operating shock tolerance
- Almost 50 percent more performance for notebook computers while maintaining battery longevity
- Serial ATA with Native Command Queuing - Blazing fast interface speed combined with NCQ for high performance

#### Distinctions

- 4200-like power consumption for maximum battery life
- Whisper-quiet load/unload acoustics
- Operating shock of 250 Gs to withstand rugged notebook environment



Features		Power	
HDD size *	2.5"	Power consumption (idle)	0.8 W
HDD capacity *	120 GB	Operating voltage	5 V
HDD speed *	5400 RPM	Start-up current	1.1 A
Interface *	Serial ATA	<b>Operational conditions</b>	
Type *	HDD	Operating temperature (T-T)	5 - 55 °C
Component for *	Laptop	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	8 MB	Operating shock	250 G
HDD number of heads	4	Non-operating shock	900 G
Average seek time	12.5 ms	<b>Weight &amp; dimensions</b>	
Average latency	5.6 ms	Width	69.8 mm
Bytes per sector	512	Height	9.5 mm
Start/stop cycles	600000	Depth	100.5 mm
Windows operating systems supported	✓	Weight	100 g
<b>Power</b>		<b>Other features</b>	
Power consumption (standby)	0.28 W	HDD transfer rate	150 Mbit/s
Power consumption (read)	1.9 W	Power requirements	2.2 W
Power consumption (write)	2.3 W	Acoustic pressure emissions	24 dB
		Dimensions (WxDxH)	69.85 x 100.2 x 9.5 mm
		Internal	✓

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date