

WD Blue SA510 (WDBB8H0010BNC-WRSN)

WD Blue SA510 - SSD - 1 TB - internal - 2.5" - SATA 6Gb/s



Breathe better life into your PC so you can push the boundaries of your work. Designed specifically for professionals, creatives, freelancers, social influencers, other passionate content creators and editors.

Key Selling Points

- Elevate your creativity
- Upgrade your creativity
- Give your PC a makeover
- Help protect your content
- Create with more control
- Plug it into your current PC

Product Features

- Elevate your creativity
Breathe better life into your PC so you can push the boundaries of your work. Designed specifically for professionals, creatives, freelancers, social influencers, and other passionate content creators and editors.
- Upgrade your creativity
Featuring read speeds up to 560 MB/s, this fast SATA SSD delivers a performance boost that keeps up with your workloads so you can stay creative and be more productive.
- Give your PC a makeover
Why buy an other expensive desktop? With capacities of 1 TB, high endurance, plus low power draw for more laptop life between charges and reduced vibrations compared to HDDs, the WD Blue SA510 SATA SSD is the perfect drive for a powerful PC upgrade.
- Help protect your content
Clone your computer's entire hard drive to your WD Blue SA510 drive with the included Acronis True Image for Western Digital software. This easy, efficient software also helps provide AI-based protection against ransomware and defend you from many attacks.
- Create with more control
Stress less and keep your projects on point as the downloadable Western Digital SSD Dashboard helps you monitor your drive's health, temperature, available space, firmware version, and more.
- Plug it into your current PC
The WD Blue SA510 SATA SSD is compatible with a wide range of PC slots, including those of many older machines.

Main specifications

Product Description	WD Blue SA510 - SSD - 1 TB - SATA 6Gb/s
Type	Solid state drive - internal
Capacity	1 TB
Form Factor	2.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Dimensions (WxDxH)	69.85 mm x 100.2 mm x 7 mm
Weight	34.6 g
Localisation	Worldwide
Manufacturer Warranty	5-year warranty

Extended specification

General

Device Type	Solid state drive - internal
Capacity	1 TB

Form Factor	2.5"
Interface	SATA 6Gb/s
Width	69.85 mm
Depth	100.2 mm
Height	7 mm
Weight	34.6 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Miscellaneous

Localisation	Worldwide
Package Type	Retail

Power

Power Consumption	60 mW (active) ¦ 1800 mW (read) ¦ 2000 mW (write) ¦ 36 mW (sleep) ¦ 12 mW (DevSleep)
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	70 °C
Shock Tolerance (operating)	1500 g @ 0.5 ms half-sine
Vibration Tolerance (operating)	5 gRMS @ 10-2000 Hz
Vibration Tolerance (non-operating)	4.9 gRMS @ 7-800 Hz

Performance

SSD Endurance	400 TB
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	560 MBps (read) / 520 MBps (write)
4KB Random Read	90000 IOPS
4KB Random Write	82000 IOPS

Reliability

MTBF	1,750,000 hours
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Software & System Requirements

Software Included	Acronis True Image, Dropbox Professional (free for 3 months)
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Expansion & Connectivity

Interfaces	1 x SATA 6 Gb/s
Compatible Bay	2.5"

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