Model Number: WDBBYV0010BNC-WRSN

**WD\_BLACK SN850P NVMe™ SSD for PS5® consoles - 1TB**

4.3 out of 5 stars, average rating value. Read 69 Reviews. Same page link.

4.3

(69)

Write a review

**LIMITED TIME: Gain instant access to hundreds of incredible games with a trial of PlayStation®Plus Premium | Deluxe included inside the box. Learn More**

Officially licensed for the PlayStation®5 console, the WD\_BLACK SN850P NVMe™ SSD allows you to store more titles with worry-free installation. Instant ... [See more](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#product-highlights)

Capacity

* 1TB
* 2TB
* 4TB
* 8TB

**Help Protect Your Content**

Data Recovery provided by experts in the event of unexpected data loss. Learn More

**$119.99Price $119.99**

Add to Cart

Compare

Find a Reseller

**Buy Direct from SanDisk**

Free standard shipping on eligible orders of $50+. [Details](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#store-value-prop-non-login)

Free 30-Day Returns [Learn More](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#value-prop-buy-direct-std-returns-modal)

Guaranteed Authentic Products

7300MB/s

**Sequential Read Performance**

PCIe Gen4 x4

**Interface**

5-Year Limited Warranty

**Warranty**

**Licensed storage expansion for your PlayStation®5**

Officially licensed for the PlayStation®5 console, the WD\_BLACK SN850P NVMe™ SSD allows you to store more titles with worry-free installation. Instantly add up to 8TB[1](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures1) of storage to hold more of your favorite games and explore the Game Catalog, Classics Catalog, and more with a PlayStation®Plus Premium | Deluxe trial included inside the box[5](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures5). With an optimized heatsink built specifically for the PS5® M.2 slot, you won’t need to worry about [compatibility](https://www.westerndigital.com/solutions/gaming/playstation-5-gaming-storage). The WD\_BLACK SN850P NVMe™ SSD for PS5® consoles is certified and tested for PlayStation®5 consoles so you can store more, play more, fast.

**Officially Licensed for Your PS5® Console**  
Store and play more titles on the drive that’s officially tested and certified for your PS5® console[4](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures4) so you can keep gaming with confidence.

**Exclusive Heatsink Design**  
With an exclusive heatsink design featuring the PlayStation® logo and optimized for the PlayStation®5 console’s M.2 slot, installation and setup is worry-free.

**Store More, Play More, Fast**  
With up to 8TB[1](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures1) capacity, your PlayStation®5 console[4](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures4) has the additional space to store up to 200 games[3](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures3) (8TB model) so you still have room for the next big title.

**Get the Ultimate Gaming Edge over your Competition**  
Take advantage of irrational PCIe Gen4 NVMe speeds up to 7,300MB/s[2](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures2) read and 6,600MB/s[2](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures2) write (2TB[1](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures1) and 4TB models) for a responsive and seamless gaming experience.

**Find Your Game**  
Gain instant access to hundreds of incredible games with a PlayStation®Plus Premium | Deluxe trial included inside the box[5](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures5).

**No More Compromising**  
Play directly from the drive and eliminate the need to transfer or delete games from your console with tested and approved storage for your PS5® Console.[4](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN#disclosures4)

**Specifications**

**Capacity**

1TB

**Form Factor**

M.2 2280

**Connector**

M.2

**Sequential Read Performance**

7300MB/s

**Sequential Write Performance**

6300MB/s

**Random Read**

800K IOPS

**Random Write**

1100K IOPS

**Interface**

PCIe Gen4 x4

**Warranty**

5-Year Limited Warranty

**Endurance (TBW)**

600

**Dimensions (L x W x H)**

3.15" x 0.96" x 0.39"

**Weight**

30.4gms

**Model Number**

WDBBYV0010BNC-WRSN

**Operating Temperature**

0°C to 85°C

**Non-Operating Temperature**

-40°C to 85°C

**Certifications**

BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TUV, UL, VCCI

**Product Features**

* Officially licensed M.2 SSD for PlayStation®5 consoles so you can easily install and play with confidence
* Experience uninterrupted gameplay with a brand-new, optimized heatsink designed especially for the PS5® console
* Play directly from the drive and eliminate the need to transfer games or remove games from your console

**Compatibility**

* PlayStation®5
* Computer with M.2 (M-key) port, capable of taking M.2 2280 form factor
* Windows 10+

**Note:**Compatibility may vary depending on user’s hardware configuration and operating system.

**Model Numbers**

**1TB:** [WDBBYV0010BNC-WRSN](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0010BNC-WRSN)

**2TB:** [WDBBYV0020BNC-WRSN](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0020BNC-WRSN)

**4TB:** [WDBBYV0040BNC-WRSN](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0040BNC-WRSN)

**8TB:** [WDBBYV0080BNC-WRSN](https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn850p-nvme-ssd-for-ps5?sku=WDBBYV0080BNC-WRSN)

**Ratings & Reviews**

**Reviews**

The trustmark icon that reveals a popup describing BV authenticity

Rating Snapshot

Select a row below to filter reviews.

5 starsstars

54

54 reviews with 5 stars.

4 starsstars

2

2 reviews with 4 stars.

3 starsstars

0

0 reviews with 3 stars.

2 starsstars

3

3 reviews with 2 stars.

1 starstars

10

10 reviews with 1 star.

Overall Rating

4.3

69 Reviews

7 out of 9 (78%) reviewers recommend this product

Review this Product

Select to rate the item with 1 star. This action will open submission form.

Select to rate the item with 2 stars. This action will open submission form.

Select to rate the item with 3 stars. This action will open submission form.

Select to rate the item with 4 stars. This action will open submission form.

Select to rate the item with 5 stars. This action will open submission form.

Adding a review will require a valid email for verification

Average Customer Ratings

Quality

Quality, 3.0 out of 5

3.0

Value

Value, 3.0 out of 5

3.0

Ease Of Use

Ease Of Use, 3.0 out of 5

3.0

Performance

Performance, 3.0 out of 5

3.0

Filter Reviews

Search topics and reviews search region

Rating

Locale

1 to 4 of 69 Reviews

1 – 4 of 69 Reviews

 Relevancy InfoDisplay a popup with information about Relevancy Sort.

Sort by

Most Relevant

5 out of 5 stars.

Works well with the PS5

**MisterC**

a year ago

As you'd expect since this is a PlayStation-licensed product, it works well with the PS5. The advertised speed is 7000 MB/s, though my PS5 told me that it operated at 6560 MB/s. That's still blazing fast, and I imagine that number might fluctuate up and down. For those reviews that said the PS5 didn't recognize the SSD, they might've been unlucky with static discharge or a manufacturing defect. Either way, it looks like WD is eager to make those issues right, so there should be no concerns about buying this. I also bought this because WD is an American company, and I'm trying to avoid buying electronics like this from overseas manufacturers.

Originally posted on Western Digital

1 out of 5 stars.

Out of the box and PS5 says cannot format

**solidus07**

2 years ago

I bought my WD black sn850 2TB beginning of December 2021, keep it storage for a while and yesterday decided to finally take it out and installed in ps5. Installation was smooth and simple, ps5 started format and 1 minute later it went from 13% to 100% showing the message PS5 was not able to format the drive. I try multiple times, removing the ssd, placing it back, with and without heatsink and is all the same. No way PS5 is able to format. Going to test the ssd with a PC tp see if able to work, but right now for a ssd out of the box that is supposed to be ps5 compatible, this is a joke. BTW I look for this error and multiple users had the same problem

Originally posted on Western Digital

Response from Western Digital:

2 years ago

**SM OLS**

Hello, We're sorry to hear about your user experience with WD WD\_Black SN850 NVMe Hard Drive and appreciate your time for providing the review. We would like to directly work with you to gather more details about the issue so that we can provide appropriate resolution or we would request you to open a support ticket. Please refer to the link mentioned:https://support-en.wd.com/app/ask/session/ All our products must pass our stringent quality standards before leaving our factory to be free from defects in materials and craftsmanship. We stand behind our products throughout the device's factory warranty period. Please contact us via the phone to ensure an overall good experience with Western Digital. We'd be happy to help. Need Help? Please see our "'Contact Us" page for information.

5 out of 5 stars.

Great product

**josephines27**

a year ago

[This review was collected as part of a promotion.] After 1 got WD\_Black NVMe 1GB SSD delivered I immediately got it installed into my PS5. The install was easy even for someone like me with no knowledge of how the PS5 memory slot looks. It was as easy as plug and play. Sony has a simple installation video that I used. The PS5 booted up and immediately gave me the option to format the memory. I was able to transfer my existing games in seconds to the new memory drive. This memory reads and writes even faster than the original memory! l'm really happy I don't have to continue deleting games and my saved video game library to my PS5 just doubled. I have always trusted Western Digital hard drives and I'm extremely happy with this memory solid state drive!

influenster.com

Originally posted on influenster.com

1 out of 5 stars.

Never arrived, no refund

Jeff

2 days ago

Order was lost, never received. Month and a half later after multiple phone calls , I have yet to receive a refund. Not a happy or satisfied customer!

No, I do not recommend this product.

Helpful?

(0)

(0)

Report

Quality

Quality, 1.0 out of 5

1.0

Value

Value, 1.0 out of 5

1.0

Ease Of Use

Ease Of Use, 1.0 out of 5

1.0

Performance

Performance, 1.0 out of 5

1.0

1 – 4 of 69 Reviews