

WD\_BLACK™

WD\_BLACK™ SN P NVMe™ SSD

FOR PS® CONSOLES

Store More,  
Play More,  
Fast

GAMING SSD STORAGE



## OFFICIALLY LICENSED M NVMe™ SSD FOR PS® CONSOLES

Officially licensed for the PlayStation®5 console, the WD\_BLACK™ SN850P NVMe™ SSD for PS5® consoles allows you to store more titles with worry free installation.

Officially licensed M.2 SSD for PlayStation®5 consoles<sup>9</sup> so you can easily install and play with no concern of compatibility.

With capacities ranging from 1TB to 4TB<sup>1</sup> your PS5® console has the additional space to store up to 100 games<sup>3</sup> (4TB model).

A brand new optimized heatsink designed for the PS5® console for an easy worry-free installation into the M.2 slot.

Play directly from the drive and eliminate the need to transfer or remove games from your console with tested and approved storage for your PS5® console.

Experience uninterrupted gameplay with a heatsink that keeps your drive running cool and reliability that you can only get from a brand you trust.

Push the envelope of PCIe® Gen4 technology with read speeds up to 7,300MB/s<sup>2</sup>, giving you seamless gameplay and incredibly short load times.

WD  
\_BLA  
CK™

# PRODUCT FEATURES

## OFFICIALLY LICENSED FOR YOUR PS5® CONSOLE

Store and play more titles on the drive that's officially tested and licensed for your PS5® console<sup>9</sup> 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 4TB<sup>1</sup> capacity, your PlayStation®5 console<sup>9</sup> has the additional space to store up to 100 games<sup>3</sup> so you still have room for the next big title.

## GET THE ULTIMATE GAMING EDGE OVER YOUR COMPETITION

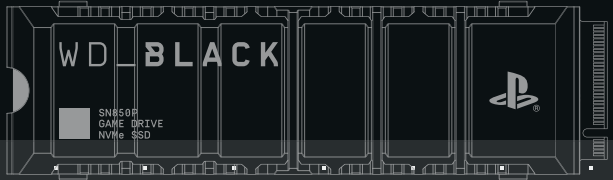
Take advantage of irrational PCIe® Gen4 NVMe™ speeds up to 7,300MB/s read and 6,600MB/s<sup>2</sup> write (2TB and 4TB model) for a responsive and seamless gaming experience.

## NEVER STOP PLAYING

Experience uninterrupted gameplay with a heatsink that keeps your drive running cool and reliability that you can only get from a brand you trust.

## NO MORE COMPROMISING

Play directly from the drive and eliminate the need to transfer or remove games from your console with tested and approved storage for your PS5® console.



# PRODUCT SPECIFICATIONS

### CAPACITIES AND MODELS<sup>1</sup>:

- 1TB HEATSINK WDBBYV0010BNC-WRSN
- 2TB HEATSINK WDBBYV0020BNC-WRSN
- 4TB HEATSINK WDBBYV0040BNC-WRSN

### PERFORMANCE<sup>2</sup>:

#### SEQUENTIAL READ:

- 1TB: 7,300MB/S
- 2TB: 7,300MB/S
- 4TB: 7,300MB/S

#### SEQUENTIAL WRITE:

- 1TB: 6,600MB/S
- 2TB: 6,600MB/S
- 4TB: 6,600MB/S

### INTERFACE<sup>4</sup>:

PCIe® Gen4 16GT/s, up to 4 Lanes

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#### HEATSINK:

- LENGTH: 80 ± 0.20mm
- WIDTH: 24.46 ± 0.20mm
- HEIGHT: 9.89 ± 0.20mm
- WEIGHT: 30.4g ± 3g
- ENDURANCE<sup>5</sup> (TBW):

- 1TB: 600
- 2TB: 1,200
- 4TB: 2,400

#### LIMITED WARRANTY<sup>10</sup>:

5 YEARS

### OPERATING SPECIFICATIONS

#### OPERATING TEMPERATURE<sup>7</sup>:

32°F to 185°F (0°C to 85°C)

#### NON-OPERATING TEMPERATURE<sup>8</sup>:

-40°F to 185°F (-40°C to 85°C)

#### SYSTEM COMPATIBILITY:

##### BACKWARD COMPATIBLE WITH

- PCIe® Gen3 x4, PCIe® Gen3 x2,
- PCIe® Gen3 x1, PCIe® Gen2 x4,
- PCIe® Gen2 x2, and PCIe® Gen2 x1
- WINDOWS® 10, 11, PLAYSTATION®5
- (PS5® SYSTEM SOFTWARE VERSION 21.02-04.00.00 OR HIGHER REQUIRED.)

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less depending on operating environment.  
 2. Based on read speed, unless otherwise stated. 1 MB/s = 1 million bytes per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors.  
 3. Number of games based on a 36GB average per game. The number of games will vary based on file size, formatting, other programs and factors.  
 4. PCIe Gen4 storage technology requires a compatible motherboard. WD\_BLACK SN850P is backwards-compatible with PCIe Gen3.  
 5. TBW [terabytes written] values calculated using JEDEC client workload (JESD219) and vary by product capacity.  
 6. 1 MB/s = 1 million bytes per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors. Test Conditions: Performance is based on the CrystalDiskMark™ 8.0.1 benchmark using a 1000MB LBA range AMD™ Ryzen 9 5950X 16-core processor, BIOS 4204. Microsoft® Windows® 10 Pro x64 2009 (19043.1023) using Microsoft StorNVMe™ driver, secondary drive.  
 7. Operational temperature is defined as temperature reported by the drive. Note that drive temperature readings are expected to be higher than ambient temperature when the SSD is placed inside a system. The SSD box package is rated up to 60°C.  
 8. Non-operational storage temperature does not guarantee data retention.  
 9. For PlayStation(TM) 5 compatibility, please visit the WD\_BLACK product page.  
 10. 5 years or Max Endurance (TBW) limit, whichever occurs first. See support.wdc.com for regional specific warranty details.