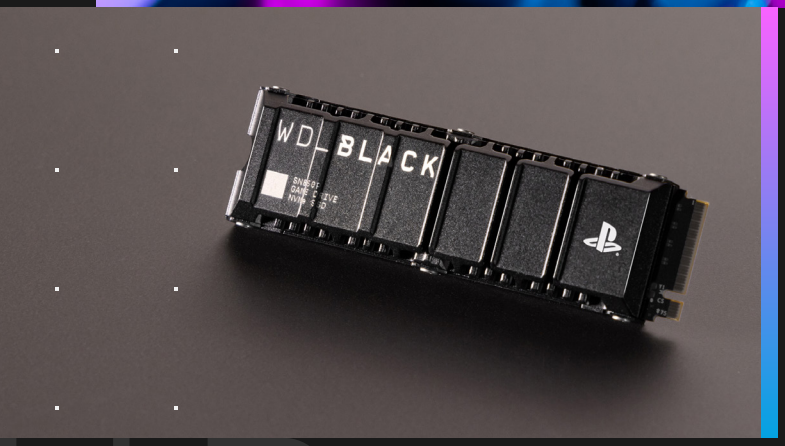
WD_BLACK™

WD_BLACK™ SN850P NVMe™ SSD FOR PS5® CONSOLES

Store More, Play More, Fast

GAMING SSD STORAGE

Official Licensed Product
Produit sous licence officielle



OFFICIALLY LICENSED M.2 NVMe™ SSD FOR PS5® CONSOLES

Officially licensed for the PlayStation®5 console, the WD_BLACK™ SN850P NVMe™ SSD allows you to store more titles with worry-free installation.

- Officially licensed M.2 SSD for PlayStation®5 consoles[4] so you can easily install and play with confidence.
- With capacities ranging from 1TB to 8TB[1], your PS5® console has the additional space to store up to 200 games[3] [8TB model].
- Experience uninterrupted gameplay with a brand-new, optimized heatsink designed especially 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 games or remove games from your console with tested and officially approved storage for your PS5® console[4].
- Push the envelope of PCIe® Gen 4 technology with read speeds up to 7,300 MB/s[2] [1TB - 4TB models], giving you seamless gameplay and incredibly short load times.

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PRODUCT FEATURES

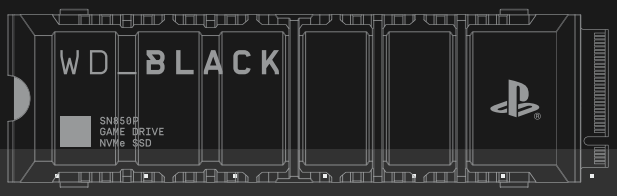
OFFICIALLY LICENSED FOR YOUR PS5® CONSOLE
Store and play more titles on the drive that's officially tested and licensed for your PS5® console[4] so you can keep gaming with confidence.

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] of capacity, your PlayStation®5 console[4] has the additional space to store up to 200 games[3] [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 read[2] and 6,600MB/s[2] write [2TB & 4TB models] for a responsive and seamless gaming experience.

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.



PRODUCT SPECIFICATIONS

CAPACITIES AND MODELS[1]:
1TB HEATSINK WDBBYV0010BNC-WRSN
2TB HEATSINK WDBBYV0020BNC-WRSN
4TB HEATSINK WDBBYV0040BNC-WRSN
8TB HEATSINK WDBBYV0080BNC-WRSN

PERFORMANCE[2]:
- SEQUENTIAL READ:
  - 1TB: 7,300MB/s
  - 2TB: 7,300MB/s
  - 4TB: 7,300MB/s
  - 8TB: 7,200MB/s
- SEQUENTIAL WRITE:
  - 1TB: 6,300MB/s
  - 2TB: 6,600MB/s
  - 4TB: 6,600MB/s
  - 8TB: 6,600MB/s

INTERFACE[6]:
PCIe® Gen4 16GT/s, up to 4 Lanes

DIMENSIONS
HEATSINK:
LENGTH: 80 ± 0.20mm
WIDTH: 24.46 ± 0.20mm
HEIGHT: 9.89 ± 0.20mm
WEIGHT: 30.4g ± 3g

ENDURANCE[6] [TBW]:
1TB: 600
2TB: 1,200
4TB: 2,400
8TB: 4,800

LIMITED WARRANTY[7]:
5 YEARS

OPERATING SPECIFICATIONS
OPERATING TEMPERATURE[8]:
32°F to 185°F [0°C to 85°C]

NON-OPERATING TEMPERATURE[9]:
-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+, PLAYSTATION®5 [PS5® SYSTEM SOFTWARE VERSION 23.02-08.00.00 OR HIGHER REQUIRED.]

1. 1TB = one 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. For PlayStation®5 system software compatibility, please visit the https://support-en.sandisk.com/app/answers/detailweb/a_id/31790.
5. PCIe Gen4 storage technology requires a compatible motherboard. WD_BLACK SN850P is backwards compatible with PCIe Gen3.
6. TBW [terabytes written] values calculated using JEDEC client workload [JESD219] and vary by product capacity.
7. 5 years or Max Endurance [TBW] limit, whichever occurs first. See sandisk.com/support for regional specific warranty details.
8. 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.
9. Non-operational storage temperature does not guarantee data retention.

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