

WD_
BLACK™

WD_BLACK™ SN7100X NVMe™ SSD

WD_BLACK™
SN7100X

POWERED BY SANDISK™

WD_BLACK™ SN7100X NVMe™ SSD for ROG Xbox Ally [X] & PC M.2 2280 NVMe™ SSD

BUILT FOR PC AND ROG XBOX ALLY [X] GAMING.

Play your Xbox games anywhere with the officially licensed WD_BLACK™ SN7100X NVMe™ SSD for ROG Xbox Ally [X] & PC. Featuring up to 7,250MB/s² read and 6,900MB/s² write speeds [2TB¹ model], this drive is the perfect upgrade option for your PC, ROG Xbox Ally or ROG Xbox Ally X. The WD_BLACK™ SN7100X NVMe™ SSD is certified and tested for ROG Xbox Ally, ROG Xbox Ally X & PC to obliterate load times and conquer your heftiest gaming sessions while offering improved power efficiency⁴ at maximum speed. Store more Xbox games and still have room for future updates and DLC, with capacities up to 4TB.¹ Upgrade now and get a 1 Month trial of Xbox Game Pass Ultimate³ inside the box and ensure you're ready to play your Xbox games anywhere.

KEY FEATURES

- OFFICIALLY XBOX LICENSED. Your drive is officially licensed for Xbox gaming, so you can upgrade your internal storage to store and play more on your ROG Xbox Ally, ROG Xbox Ally X and PC.
- HIGH-OCTANE GAMING. Experience speeds up to 7,250MB/s² read and 6,900MB/s² write [2TB¹ model], with up to 35% faster performance than previous generation.⁴
- BUILT WITH LEADING-EDGE TECH. Designed for serious on-the-go gamers, with a PCIe® Gen 4.0 interface and Sandisk's next generation TLC 3D CBA NAND.
- ADD FAVORITES AND NEW TITLES. Available in multiple capacities up to 4TB,¹ so you have tons of storage for your favorite games and the ones you're looking forward to.
- CLEAR THAT CHECKPOINT. Built with laptops and handheld gaming devices in mind, with up to 90% more power efficiency over the previous generation.⁴
- 1 MONTH XBOX GAME PASS ULTIMATE. Play new games on day one. Enjoy hundreds of high-quality games on console, PC, and cloud. Get EA Play. Dive into legendary franchises. Play together with friends.³

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PRODUCT FEATURES

OFFICIALLY LICENSED STORAGE FOR ROG XBOX ALLY [X] & PC

Play effortlessly with full Xbox integration and enjoy gaming experiences that adhere fully to Microsoft's quality standards.

BUILT WITH LEADING-EDGE TECH

Equipped with a PCIe® Gen 4.0 interface powered by Sandisk's next generation TLC 3D CBA NAND, the WD_BLACK™ SN7100X NVMe™ SSD is designed to provide the speed and power efficiency⁴ serious on-the-go Xbox gamers need.

More space for favorites and new titles

Available in capacities up to 4TB,¹ the WD_BLACK™ SN7100X NVMe™ SSD gives you tons of storage for your latest Xbox games with space left over for future updates and downloadable content.

HIGH-OCTANE GAMING SSD THAT DOESN'T BACK DOWN

Experience an exhilarating boost you can see and feel with level-conquering speeds up to 7,250MB/s² read and 6,900MB/s² write [2TB¹ model]. The WD_BLACK™ SN7100X NVMe™ SSD boasts up to 35% faster performance than our previous generation,⁴ helping you take on the next wave of cutting-edge Xbox games.

CLEAR THAT CHECKPOINT BEFORE YOUR BATTERY CLOCKS OUT

Built with PC laptops, the ROG Xbox Ally and ROG Xbox Ally X in mind, this DRAM-less drive provides up to 90% more power efficiency at maximum speed over the previous generation,⁴ helping to make your gaming sessions longer.

1 MONTH XBOX GAME PASS ULTIMATE

Play new games on day one. Enjoy hundreds of high-quality games on console, PC, and cloud. Get EA Play. Dive into legendary franchises. Play together with friends.³

PRODUCT SPECIFICATIONS

CAPACITIES ² MODEL NUMBERS	4TB WDBELH0040BBK-WRSN	2TB WDBELH0020BBK-WRSN		
INTERFACE ⁵	PCIe® Gen 4x4 NVMe™			
NAND	SANDISK® TLC 3D CBA NAND			
PERFORMANCE ¹				
Sequential Read [up to]	7,000MB/s	7,250MB/s		
Sequential Write [up to]	6,700MB/s	6,900MB/s		
Random Read [up to]	900K IOPS	1,000K IOPS		
Random Write [up to]	1,350K IOPS	1,400K IOPS		
ENDURANCE ⁵	2,400	1,200		
DIMENSIONS ⁷	Length:	Width:	Height:	Weight:
	80mm	22mm	2.38mm	5.8g
SYSTEM COMPATIBILITY ⁶	Backwards compatible with PCIe® Gen3 x4, PCIe® Gen3 x2, PCIe® Gen3 x1, PCIe® Gen2 x4, PCIe® Gen2 x2 and PCIe® Gen2 x1, ROG Xbox Ally ROG Xbox Ally X Windows® 10/11			
LIMITED WARRANTY ⁸	5 Years			
RoHS COMPLIANCE	Yes			
OPERATING TEMPERATURE ⁹	32°F to 185°F [0°C to 85°C]			
NON OPERATING TEMPERATURE ¹⁰	-40°F to 185°F [-40°C to 85°C]			

¹ Based on read/write 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.

² 1TB = one trillion bytes. Actual user capacity may be less depending on operating environment.

³ Terms: Redeem at microsoft.com/redeem by 10/17/2028. New Xbox Game Pass members only. After promotional period, subscription continues automatically at the then-current regular monthly price unless cancelled. Limit: 1 per person/account. Subject to the Microsoft Services Agreement, Game Pass terms, and system requirements at: xbox.com/subscriptionterms. Cloud-gaming (Beta): Requires Game Pass Ultimate and supported controller (both sold separately). Select regions (xbox.com/regions) and devices (xbox.com/cloud-devices); streaming limits apply, server availability and wait times may vary. Requires high-speed internet connection (ISP fees apply). See cloud gaming catalog (xbox.com/play).

⁴ Up to 35% better performance and 90% better power efficiency as compared to our last gen product, the 2TB WD_BLACK SN770 NVMe™ SSD.

⁵ TBW (terabytes written) values calculated using JEDEC client workload [JESD219] and vary by product capacity.

⁶ PCIe® Gen4 storage technology requires a compatible motherboard. Backwards compatible with PCIe® Gen3 x4, PCIe® Gen3 x2, PCIe® Gen3 x1, PCIe® Gen2 x4, PCIe® Gen2 x2 and PCIe® Gen2 x1.

⁷ Physical product dimensions for length and width may vary by ± 0.10mm and product weight may vary by ± 10%.

⁸ 5 years or Max Endurance (TBW) limit, whichever occurs first. See support.wdc.com for region-specific warranty details.

⁹ 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.

¹⁰ Non-operational storage temperature does not guarantee data retention.

SANDISK™

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September 2025