

Game Drive

Game Drive M.2 SSD for PS5

Take Your Gaming Further

Data Sheet

Maximize your PS5™ gaming experience with the Game Drive M.2 SSD for PS5. Optimized for both the Digital and Standard Editions of PS5, this SSD installs with just a screwdriver and features a custom heatsink to keep your system running at peak performance. Grab hold of up to 7300/6000MB/s sequential read/write speeds and seamlessly bolster your gaming capacity with up to 4TB of space.

Key Advantages

- Optimized to seamlessly work with both Digital and Standard Editions of PS5.
- Includes custom built low-profile heatsink to help minimize thermal throttling and maintain peak performance for longer periods of time.
- Download, play, and update your Digital and Standard Edition PS5 games directly from the M.2 SSD.
- Up to 4TB of capacity means no more sacrificing, deleting, or redownloading games.
- Up to 7300/6000MB/s read/write speeds harnesses the full power of PCIe Gen4.
- Simple drop-in installation for PS5—all you need is a screwdriver.
- 1TB of capacity holds up to 16 PS5 games and 25 PS4 games*.
- More space means less time managing titles and more time gaming.
- Meets all PS5 required specs for installation, manufacturer warranty coverage should not be affected.
- Enjoy long-term peace of mind with the included five-year limited warranty.



*The number of games is based on an average of 36GB per game and will vary based on file size, formatting, other programs, and factors.



Game Drive M.2 SSD for PS5

Take Your Gaming Further

Specifications	Game Drive M.2 SSD with Heatsink		
	4TB	2TB	1TB
Standard Model	ZP4000GP304001	ZP2000GP304001	ZP1000GP304001
Interface	PCIe Gen4 x4 NVMe 1.4	PCIe Gen4 x4 NVMe 1.4	PCIe Gen4 x4 NVMe 1.4
NAND Flash Memory	3D TLC	3D TLC	3D TLC
Form Factor	M.2 2280 with heatsink ¹	M.2 2280 with heatsink ¹	M.2 2280 with heatsink ¹
Performance			
Sequential Read (Max, MB/s), 128KB ²	7250	7300	7300
Sequential Write (Max, MB/s), 128KB ²	6900	6900	6000
Random Read (Max, IOPS), 4KB QD32 T8 ²	1000K	1000K	800K
Random Write (Max, IOPS), 4KB QD32 T8 ²	1000K	1000K	1000K
Endurance/Reliability			
Total Bytes Written (TB)	5100	2550	1275
Mean Time Between Failures (MTBF, hours)	1.8M	1.8M	1.8M
Warranty, Limited (years)	5	5	5
Power Management			
Active Power, Average (W)	8.6	7.8	6.3
Idle Power PS3, Average (mW)	30	25	20
Low Power L1.2 mode (mW)	<5	<5	<5
Environmental			
Temperature, Operating Internal (°C)	0 to 70	0 to 70	0 to 70
Temperature, Nonoperating (°C)	-40 to 85	-40 to 85	-40 to 85
Shock, Nonoperating: 0.5ms (Gs)	1500	1500	1500
Special Features			
TRIM	Yes	Yes	Yes
S.M.A.R.T.	Yes	Yes	Yes
Halogen Free	Yes	Yes	Yes
RoHS Compliance	Yes	Yes	Yes
Physical			
Length (mm/in, max)	80.15mm/3.156in	80.15mm/3.156in	80.15mm/3.156in
Width (mm/in, max)	24.2mm/0.953in	24.2mm/0.953in	24.2mm/0.953in
Height (mm/in, max)	11.04mm/0.435in	10.39mm/0.409in	9.84mm/0.387in
Weight (g/lb)	47g/0.104lb	47g/0.104lb	47g/0.104lb

¹ Please verify that your system provides enough space for installation. The Game Drive M.2 SSD with heatsink exceeds dimensions of a standard M.2 2280 form factor. Heatsink is pre-installed and should not be removed as it can damage the SSD.

² Fresh out of box (FOB) performance obtained on newly formatted drive. Performance may vary based on SSD's firmware version, system hardware, and configuration. Performance based on CrystalDiskMark v.7.0.0 x64 on Windows 10 host with PCIe Gen4 motherboard.



Game Drive

Game Drive M.2 SSD for PS5

Take Your Gaming Further

Specifications			
Retail Packaging	Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Length (in/mm)	6.102in/155mm	11.496in/292mm	47.992in/1219mm
Width (in/mm)	4.291in/109mm	6.024in/153mm	40in/1016mm
Depth (in/mm)	0.945in/24mm	5.512in/140mm	44.134in/1121mm
Weight (lb/kg)	0.139lb/0.063kg	2.976lb/1.35kg	71.43lb/32.4kg
Quantities			
Boxes per Master Carton	10		
Master Cartons per Pallet	168		
Pallet Layers	7		

System Requirements	What's Included
<ul style="list-style-type: none"> M.2 (M key) slot, PCIe® G4 x4 interface (backwards compatible with PCIe G3 interface) PlayStation®5 consoles require system software version 21.02-04.00.00 or later. Windows® 10 Linux 	<ul style="list-style-type: none"> Game Drive M.2 SSD with Heatsink Quick Install Guide

Region	Model Number	Capacity	Limited Warranty (years)	UPC Code	EAN Code	Multi-Pack UPC
WW	ZP1000GP3A4001	1TB	5	763649176726	8719706432504	10763649176723
WW	ZP2000GP3A4001	2TB	5	763649176733	8719706432511	10763649176730
WW	ZP4000GP3A4001	4TB	5	763649176740	8719706432528	10763649176747

SEAGATE.COM

© 2022 Seagate Technology LLC. All rights reserved. Seagate, Seagate Technology, and the Spiral logo are registered trademarks of Seagate Technology LLC in the United States and/or other countries. PlayStation is a registered trademark and PS4 and PS5 are trademarks of Sony Computer Entertainment Inc. All other trademarks or registered trademarks are the property of their respective owners. When referring to drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions, and thus will not be available for data storage. Quantitative usage examples for various applications are for illustrative purposes. Actual quantities will vary based on various factors, including file size, file format, features, and application software. Complying with all applicable copyright laws is the responsibility of the user. Seagate reserves the right to change, without notice, product offerings or specifications. DS2110.1-2207 AMER