

Game Drive

Game Drive M.2 SSD for PS5

Take Your Gaming Further

Data Sheet

Maximise your PS5™ gaming experience with the Game Drive M.2 SSD for PS5. Optimised 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 7,300/6,000 MB/s sequential read/write speeds and seamlessly bolster your gaming capacity with up to 4 TB of space.

Key Advantages

- Optimised to seamlessly work with both Digital and Standard Editions of PS5.
- Includes custom-built low-profile heatsink to help minimise 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 4 TB of capacity means no more sacrificing, deleting, or redownloading games.
- Up to 7,300/6,000 MB/s read/write speeds harnesses the full power of PCIe Gen4.
- Simple drop-in installation for PS5 — all you need is a screwdriver.
- 1 TB 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 36 GB per game and will vary based on file size, formatting, other programs and factors.



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Specifications	Game Drive M.2 SSD with Heatsink		
	4 TB	2 TB	1 TB
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), 128 KB ²	7250	7,300	7,300
Sequential Write (Max, MB/s), 128 KB ²	6,900	6900	6,000
Random Read (Max, IOPS), 4 KB QD32 T8 ²	1000K	1000K	800K
Random Write (Max, IOPS), 4 KB 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, Non-operating (°C)	-40 to 85	-40 to 85	-40 to 85
Shock, Non-operating: 0.5 ms (Gs)	1,500	1,500	1,500
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)	80.15 mm/3.156 in	80.15 mm/3.156 in	80.15 mm/3.156 in
Width (mm/in, max)	24.2 mm/0.953 in	24.2 mm/0.953 in	24.2 mm/0.953 in
Height (mm/in, max)	11.04 mm/0.435 in	10.39 mm/0.409 in	9.84 mm/0.387 in
Weight (lb/g)	47g/0.104 lb	47g/0.104 lb	47g/0.104 lb

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.



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Specifications			
Retail Packaging	Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Length (in/mm)	6.102 in/155 mm	11.496 in/292 mm	47.992 in/1,219 mm
Width (in/mm)	4.291 in/109 mm	6.024 in/153 mm	40 in/1,016 mm
Depth (in/mm)	0.945 in/24 mm	5.512 in/140 mm	44.134 in/1,121 mm
Weight (lb/kg)	0.139 lb/0.063 kg	2.976 lb/1.35 kg	71.43 lb/32.4 kg
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 Installation 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

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