Game Drive
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.

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Specifications	Game Drive M.2 SSD with Heatsink		
	4TB	2TB	1TB
Standard Model	ZP4000GP304001	ZP2000GP304001	ZP1000GP304001
Interface	PCIe Gen4 ×4 NVMe 1.4	PCIe Gen4 ×4 NVMe 1.4	PCIe Gen4 ×4 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 ×64 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)	6.102in/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

- M.2 (M key) slot, PCIe® G4 ×4 interface (backwards compatible with PCIe G3 interface)
- PlayStation®5 consoles require system software version 21.02-04.00.00 or later.
- Windows® 10
- Linux

- 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

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