

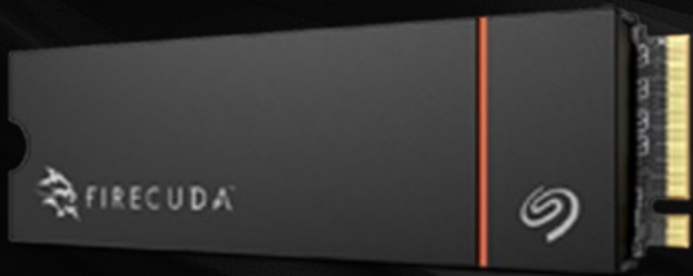
Usher in a new era of domination.



Seagate FireCuda 530R SSD with Heatsink

Usher in a new era of domination.

FireCuda 530R SSD with Heatsink, the latest evolution of our best-selling PCIe Gen4 SSD, unleashes ultra-fast speeds, extreme durability, and unrivalled performance. With leading-edge components in a slim M.2 2280 form factor and built-in heatsink, it's ideal for pro-level gamers and creators. FireCuda 530R SSD supports Microsoft™ DirectStorage, and is PS5™ compatible for seamless gaming. Plus, it's available in 1TB, 2TB, or 4TB capacities.



Key Features

Peak Performance

Level up with ultra-fast PCIe Gen4 SSD speeds for accelerated gaming and content creation

Cool Speed Ahead

Heatsink technology keeps things cooler to maintain performance longer.

Easy Gaming

Supports Microsoft DirectStorage, and has PS5™ compatibility¹

Usher in a new era of domination.



SEAGATE FIRECUDA 530R SSD WITH HEATSINK

Tough Stuff

Extremely durable, with endurance of up to 5,050TBW

High Capacity

Choose from 1TB, 2TB, or 4TB capacity options for all your gaming needs

No Worries

Backed by 5-year warranty, 3-years Rescue Services², and SeaTools 5 support

1 Using an M.2 SSD with your PS5 console requires effective heat dissipation with a cooling structure, such as an heatsink and a heat transfer sheet.

2 Rescue Data Recovery Services not available in all countries.



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	20in/508mm
Depth (in/mm)	0.945in/24mm	5.512in/140mm	27.795in/706mm
Weight (lb/kg)	0.265lb/0.12kg	3.241lb/1.47kg	186.291lb/84.5kg

QUANTITIES	
Boxes per Master Carton	10
Master Cartons per Pallet	48
Pallet Layers	4

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)Windows[®] 11, Windows 10Linux	<ul style="list-style-type: none">Seagate[®] FireCuda[®] 530R SSD with Heatsink

REGION	MODEL NUMBER	CAPACITY	LIMITED WARRANTY (YEARS)	UPC CODE	EAN CODE	MULTI-PACK UPC
WW	ZP1000GM3A073	1000GB	5	763649183113	8719706437721	10763649183110
WW	ZP2000GM3A073	2000GB	5	763649183120	8719706437738	10763649183127
WW	ZP4000GM3A073	4000GB	5	763649183137	8719706437745	10763649183134

Usher in a new era of domination.

SEAGATE FIRECUDA 530R SSD WITH HEATSINK

SPECIFICATIONS		FIRECUDA 530R SSD WITH HEATSINK		
Capacity	4TB	2TB	1TB	
Standard Model	ZP4000GM30073	ZP2000GM30073	ZP1000GM30073	
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 with heatsink ¹	M.2 with heatsink ¹	M.2 with heatsink ¹	
PERFORMANCE				
Sequential Read (Max, MB/s), 128KB ²	7400	7400	7400	
Sequential Write (Max, MB/s), 128KB ²	6800	6900	7000	
Random Read (Max, IOPS), 4KB QD32 T16 ²	1,300,000	1,300,000	1,300,000	
Random Write (Max, IOPS), 4KB QD32 T16 ²	1,300,000	1,300,000	1,300,000	
ENDURANCE/RELIABILITY				
Total Bytes Written (TB)	5050	2400	1100	
Mean Time Between Failures (MTBF, hours)	1,800,000	1,800,000	1,800,000	
Rescue Data Recovery Services (years) ³	3	3	3	
Warranty, Limited (years)	5	5	5	
POWER MANAGEMENT				
Active Power, Average (W)	8.9	8.6	8.3	
Idle Power PS3, Average (mW)	29	28	22	
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	
RoHS Compliance	Yes	Yes	Yes	
PHYSICAL				
Length (mm/in, max)	80.85mm/3.183in	80.85mm/3.183in	80.85mm/3.183in	
Width (mm/in, max)	24.22mm/0.953in	24.22mm/0.953in	24.22mm/0.953in	
Height (mm/in, max)	11.10mm/0.437in	11.10mm/0.437in	11.10mm/0.437in	
Weight (g/lb)	49g/0.108lb	49g/0.108lb	49g/0.108lb	

¹ Please verify that your system provides enough space for installation. The FireCuda 530 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.

³ Rescue Data Recovery Services not available in all countries.

SEAGATE.COM

© 2024 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. FireCuda® is either a trademark or registered trademark of Seagate Technology LLC or one of its affiliated companies in the United States and/or other countries. The NVMe word mark and/or NVMeExpress design mark are trademarks of NVMeExpress, Inc. The PCIe word mark and/or PCIeExpress design mark are registered trademarks and/or service marks of PCI-SIG. PlayStation is a registered trademark of Sony Computer Entertainment Inc. PS4 and PS5 are trademarks of the same company. 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. Actual data rates may vary depending on operating environment and other factors, such as chosen interface and drive capacity. Seagate reserves the right to change, without notice, product offerings or specifications. DS7.1-2403US