

Real power. Unreal performance.



FIRECUDA™

FireCuda X1070

Real power. Unreal performance.

Lightning-fast and optimized for handheld gaming and PCs, FireCuda X1070 SSD serves up PCIe Gen4 speeds for seamless booting, loading and multitasking. With generous space for all your games and streams, it offers high-capacity storage without a premium price tag. Ruggedly durable, it's built for sustained throughput and thermal balance, ensuring smooth gameplay for extended gaming sessions.



Key Features

Ferocious speeds

Built on PCIe Gen4, FireCuda X1070 delivers blazing-fast speeds for booting, loading, and multitasking.

Game wherever

Certified for Xbox on PC and portable platforms, FireCuda X1070 is agile enough for handheld gaming and powerful enough for full desktop builds.

Plug and play

Seamless integration with all PCIe Gen4 motherboards. Just install and go — no extra setup required.

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Store everything

High-capacity storage for your entire game library and content creation files.

Stays cool

Custom-engineered for sustained throughput and thermal balance, ensuring smooth gameplay even during extended sessions.

Smart monitoring

Includes Seagate's SeaTools SSD software for quick drive health checks, performance tuning, and firmware updates.



RETAIL PACKAGING	BOX DIMENSIONS	MASTER CARTON DIMENSIONS	PALLET DIMENSIONS
Length (in/mm)	0.945 in/24 mm	11.496 in/292 mm	47.992 in/1219 mm
Width (in/mm)	4.291 in/109 mm	6.024 in/153 mm	40 in/1016 mm
Depth (in/mm)	6.102 in/155 mm	5.512 in/140 mm	44.488 in/1130 mm
Weight (lb/kg)	0.132 lb/0.06 kg	1.852 lb/0.84 kg	385.809 lb/175 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)• Windows® 11• Linux• ROG Xbox Ally, ROG Xbox Ally X	<ul style="list-style-type: none">• Seagate® FireCuda® X1070 SSD• 1-month Xbox Ultimate Game Pass trial¹• 2-month Adobe Creative Cloud Pro trial²• 3-year Rescue Data Recovery Services³

REGION	ORDERING MODEL NUMBER	CAPACITY	LIMITED WARRANTY (YEARS)	UPC CODE	EAN CODE	MULTI-PACK UPC
WW	ZP1000GS3A001	1000GB	5	763649187470	8719706441155	10763649187477
WW	ZP2000GS3A001	2000 GB	5	763649187487	8719706441162	10763649187484
WW	ZP4000GS3A001	4000 GB	5	763649187494	8719706441179	10763649187491

1 Xbox Game Pass offer only valid for new customers and does not stack
2 Terms and conditions apply. Please visit <https://www.seagate.com/products/adobe-creative-cloud-offer/>
3 Rescue Data Recovery Services not available in all countries

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SPECIFICATIONS	4 TB	2 TB	1 TB
Standard Model	ZP4000GS30001	ZP2000GS30001	ZP1000GS30001
Interface	PCIe Gen4 x4 NVMe 1.4	PCIe Gen4 x4 NVMe 1.4	PCIe Gen4 x4 NVMe 1.4
Form Factor	M.2 2280	M.2 2280	M.2 2280
PERFORMANCE			
Sequential Read (Max, MB/s) ¹	7,200	7,200	7,200
Sequential Write (Max, MB/s) ¹	6,500	6,500	6,000
Random Read (Max, IOPS) ¹	900,000	900,000	850,000
Random Write (Max, IOPS) ¹	900,000	1,000,000	900,000
ENDURANCE/RELIABILITY			
Total Bytes Written (TB)	2,400	1,200	600
Mean Time Between Failures (MTBF, hours)	1,800,000	1,800,000	1,800,000
Rescue Data Recovery Services (years) ²	3	3	3
Warranty, Limited (years)	5	5	5
POWER MANAGEMENT			
Active Power, Average (W)	5.7	4.7	4.6
Idle Power PS3, Average (mW)	20	20	20
Low Power L1.2 mode (mW)	2.5	2.5	2.5
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
RoHS compliance	Yes	Yes	Yes
PHYSICAL			
Length (mm/in, max)	80.15 mm/3.155 in	80.15 mm/3.155 in	80.15 mm/3.155 in
Width (mm/in, max)	22.15 mm/0.872 in	22.15 mm/0.872 in	22.15 mm/0.872 in
Height (mm/in, max)	2.25 mm/0.088 in	2.25 mm/0.088 in	2.20 mm/0.086 in
Weight (lb/g)	7.1 g/ 0.015 lb	6.0 g/ 0.013 lb	6.0 g/ 0.013 lb

¹ 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.8.0.4 on Windows 11 (64 bit) host with PCIe Gen4 motherboard.

² Rescue Data Recovery Services not available in all countries.

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