FIRECUDA
GAMING

SEAGATE

Accelerate. Dominate. Endure.
FireCuda 120 SSD

Designed for speed and endurance, the highly-adaptable FireCuda® 120 SSD is ready for rigorous PC gaming. With 5,600 TB TBW durability and maxed out SATA III speed — this SSD plugs in easily, roars to life, and lasts a lifetime. Whether you're improving your PC or giving your battlestation extra backup, FireCuda 120 SSD is ready to play.

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Best-Fit Applications

- New desktop gaming PC builds
- Upgrading a desktop gaming PC
- Upgrading a laptop gaming PC

Key Advantages

Get maximum, top-level SSD speed with SATA III 6 Gb/s.

Take advantage of high sequential read/write speeds (up to 560/540 MB/s) for more responsive downloads, installs and multitasking.

Unleash SATA SSD speeds that are up to 30× faster than hard drives.

Enjoy the long-term high endurance of 0.7 DWPD.

Game confidently with the durability of up to 5,600 TB total bytes written (TBW).

With a robust 1.8M hours mean time between failures (MTBF), you've got roughly 82 years of gaming ahead of you.

Up to 4 TB of capacity means you can accumulate games without fear of maxing out space.

Monitor drive health, performance, and firmware updates with free Seagate SeaTools™ SSD software.

Specifications	4 TB	2 TB	1 TB	500 GB
Model Number	ZA4000GM10001	ZA2000GM10001	ZA1000GM10001	ZA500GM10001
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
NAND Flash Memory	3D TLC	3D TLC	3D TLC	3D TLC
Form Factor	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm
Performance				
Sequential Read (Max, MB/s), 128KB[1]	560	560	560	560
Sequential Write (Max, MB/s), 128KB[1]	540	540	540	540
Random Read (Max, IOPS), 4KB QD32[1]	100,000	100,000	100,000	100,000
Random Write (Max, IOPS), 4KB QD32[1]	90,000	90,000	90,000	90,000
Endurance/Reliability				
Total Bytes Written (TB)	5600	2800	1,400	700
Mean Time Between Failures (MTBF, hours)	1,800,000	1,800,000	1,800,000	1,800,000
Warranty, Limited (years)	5	5	5	5
Power Management				
Active Power, Average (W)	5.5	5.5	5.5	5.5
Idle Power, Average (mW)	<130	<130	<130	<130
DevSleep (mW)	<5	<5	<5	<5
Environmental				
Temperature, Operating Internal (°C)	0-70	0-70	0-70	0-70
Temperature, Non-operating (°C)	-40 - 85	-40 - 85	-40 - 85	-40 - 85
Shock, Non-operating: 0.5 ms (Gs)	1,500	1,500	1,500	1,500
Physical				
Height (mm/in, max)	7.10 mm/0.249 in	7.10 mm/0.249 in	7.10 mm/0.249 in	7.10 mm/0.249 in
Width (mm/in, max)	70.10 mm/2.759 in	70.10 mm/2.759 in	70.10 mm/2.759 in	70.10 mm/2.759 in
Depth (mm/in, max)	100.35 mm/3.950 in	100.35 mm/3.950 in	100.35 mm/3.950 in	100.35 mm/3.950 in
Weight (lb/g)	50g/0.110lb	50g/0.110lb	50g/0.110lb	50g/0.110lb
Bulk Pack Specifications				
Carton Unit Quantity	10	10	10	10
Cartons Per Pallet/Layer	216 / 9	216 / 9	216 / 9	216 / 9
Special Features				
TRIM	Yes	Yes	Yes	Yes
S.M.A.R.T.	Yes	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes	Yes
RoHS compliance	Yes	Yes	Yes	Yes

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.6.0.0 ×64 on Windows 10 host.

Ordering Information			
Specifications			
Retail Packaging	Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Depth/Length (in/mm)	0.994 in/24 mm	6.023 in/153 mm	47.244 in/1,200 mm
Width (in/mm)	4.291 in/109 mm	11.496 in/292 mm	39.370 in/1000 mm
Height (in/mm)	6.102 in/155 mm	5.011 in/140 mm	51.968 in/1,320 mm
Weight (lb/kg)	2.205 lb/0.1 kg	2.646 lb/1.2 kg	615.09 lb/279 kg
Quantities			
Boxes per Master Carton	10		
Master Cartons per Pallet	216		
Pallet Layers	9		

System Requirements

- SATA 6 Gb/s or SATA 3 Gb/s port
- Windows® 10, Windows 8.1
- Linux

What's Included

- Seagate® FireCuda® 120 SSD

Region	Model Number	Capacity	Limited Warranty (years)	UPC Code	EAN Code	Multi-Pack UPC
WW	ZA500GM1A001	500GB	5	763649144886	8719706025577	10763649144883
WW	ZA1000GM1A001	1 TB	5	763649144893	8719706025584	10763649144890
WW	ZA2000GM1A001	2 TB	5	763649144909	8719706025591	10763649144906
WW	ZA4000GM1A001	4 TB	5	763649144916	8719706025607	10763649144913

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