



DATA SHEET

BeskarTM Ingot Drive Special Edition FireCuda PCle Gen4 NVMe SSD

Wield the deadliest M.2 SSD in the galaxy — the officially-licensed Beskar™ Ingot Drive. Forged with a beskar ingot design for true collectors, this Special Edition FireCuda PCIe Gen4 NVMe SSD features heatsink tech to keep systems running at peak performance. And with read/write speeds up to 7,300/6,000 MB/s, this drive will honour all the games in your orbit.





Key Features:

This FireCuda NVMe SSD with heatsink is inspired by the Mandalorian's beskar ingot.

Forged with a beskar ingot design, this collectible's theme is inspired by *The Mandalorian* TM , down to its Imperial stamp.

Leverage sequential read/write performance up to 7,300/6,000 MB/s.

Includes custom-built low-profile heatsink designed by EKWB and Seagate to help minimise thermal throttling and maintain peak performance for longer time periods of time.



Sleek heatsink design allows for premium installation flexibility.

Our fastest M.2 2280 SSD features speeds up to 12x faster than SATA SSD.

Bring long lasting endurance with 0.7 DWPD, 1.8M MTBF, and 1,275 TB TBW.

Ultrafast speeds and large capacity helps maximise speed while multitasking and creating content.

Enjoy peace of mind with our industry leading 5-year warranty and 3-year Rescue Data Recovery Services.

Add new drives to your computer and monitor their health and performance with free DiscWizard™ and SeaTools™ software.





Beskar™ Ingot Drive

Special Edition FireCuda PCle Gen4 NVMe SSD

Specifications	1TB	500GB						
Standard Model	ZP1000GM30033	ZP500GM30033						
Interface	PCIe Gen4 ×4 NVMe 1.4	PCIe Gen4 ×4 NVMe 1.4						
NAND Flash Memory	3D TLC	3D TLC						
Form Factor	M.2 2280 with heatsink	M.2 2280 with heatsink						
Performance								
Sequential Read (Max, MB/s), 128KB ²	7,300	7,000						
Sequential Write (Max, MB/s), 128KB ²	6,000	3,000						
Random Read (Max, IOPS), 4 KB QD32 T8 ²	800,000	400,000						
Random Write (Max, IOPS), 4 KB QD32 T8 ²	1,000,000	700,000						
Endurance/Reliability								
Total Bytes Written (TB)	1275	640						
Mean Time Between Failures (MTBF, hours)	1,800,000	1,800,000						
Rescue Data Recovery Services (years) ³	3	3						
Warranty, Limited (years)	5	5						
Power Management								
Active Power, Average (W)	6.3	6						
Idle Power PS3, Average (mW)	0.02	0.015						
Low Power L1.2 mode (mW)	<5	<5						
Environmental								
Temperature, Operating Internal (°C)	0°C – 70°C	0°C – 70°C						
Temperature, Non-operating (°C)	-40°C – 85°C	-40°C – 85°C						
Shock, Non-operating: 0.5 ms (Gs)	1,500	1,500						
Special Features								
TRIM	Yes	Yes						
S.M.A.R.T.	Yes	Yes						
Halogen-free	Yes	Yes						
RoHS compliance	Yes	Yes						
Physical								
Length (mm/in, max)	3.155 in	3.156 in						
Width (mm/in, max)	24.2 mm/0.953 in	24.2 mm/0.953 in						
Height (mm/in, max)	9.84 mm/0.387 in	9.84 mm/0.387 in						
Weight (lb/g)	47 g/0.104 lb	47 g/0.104 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.7.0.0 x64 on Windows 10 host with PCIe Gen4 motherboard.

² Rescue Data Recovery Services not available in all countries.





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Specifications							
Retail Packaging	Box Dimensions	Master Carton Dimensions	Pallet Dimensions				
Length (in/mm)	6.181 in/157 mm	10.709 in/272 mm	47.992 in/1,219 mm				
Width (in/mm)	6.102 in/155 mm	7.48 in/190 mm	40 in/1,016 mm				
Depth (in/mm)	0.906 in/23 mm	9.134 in/232 mm	41.22 in/1,047 mm				
Weight (lb/kg)	0.419 lb/0.19 kg	5.379 lb/2.44 kg	460.766 lb/209 kg				
Quantities							
Boxes per Master Carton	10	10					
Master Cartons per Pallet	80	80					
Pallet Layers	4	4					

System Requirements	What's Included

- M.2 (M key) slot, PCIe[®] G4 ×4 interface (backwards compatible with PCIe G3 interface)
- Windows[®] 10, Windows[®] 11
- Linux

 Beskar[™] Ingot Drive Special Edition FireCuda[®] PCle Gen4 NVMe[™] SSD

Region	Model Number	Capacity	Limited Warranty (years)	UPC Code	EAN Code	Multi-Pack UPC
ww	ZP500GM3A033	500GB	5	763649170670	8719706427814	10763649170677
ww	ZP1000GM3A033	1TB	5	763649170687	8719706427821	10763649170684

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