



Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 512GB to 2TB
- PCIe Gen 4 x 4 interface
- Support NVMe 1.4
- NANDXtend™ ECC Technology
- Support SMART and TRIM commands
- PS5 Compatible

Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI512G44AI818-CB	4718009612037
1TB	AGI1T0G43AI818-CB	4718009612143
2TB	AGI2T0G43AI818-CB	4718009612150



PCIe Gen4x4 M.2 SSD

M.2 PCIe SSD **AI818**



High Stability



Fast read and write



High Quality





Specifications

- Capacity: 512GB / 1TB / 2TB
- NAND Flash: 3DNAND
- Interface: PCIe Gen 4 x 4
- Form factor: M.2 2280
- MTBF: 1,600,000 hours
- Operating Voltage: 3.3V±5%
- Humidity: 5% to~98%RH (Non-condensing)
- Operating Vibration:15G(7 to 2000Hz)
- Certifications: CE, FCC, BSMI, RoHS
- Warranty: 5 years
- Dimensions (L x W x H):
 - 80 x 22 x 5.4 mm (with heat sink)
 - 80 x 22 x 2.1 mm (without heat sink)
- Weight: 7.5g±0.2g
 - 512GB : 12g (w/ heat sink) / 6.3g(w/o heat sink)
 - 1TB : 11.2g (w/ heat sink) / 5.2g(w/o heat sink)
- Operating temperature: 0°C-70°C
- Storage temperature: -40°C-85°C
- Shock resistance: 1500G/0.5ms

Performance

Capacity	CDM-SEQ1M Q8T1		PS5 (Up to)	TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq. Read(MB/S)	
512GB	5000	4500	4600	300TB
1TB	4700	2800	4600	600TB
2TB	5200	4700	4600	1200TB

*Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables