



Features

- External DRAM Buffer
- 4K LDPC + RAID
- Capacity up to 4TB
- 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
1TB	AGI1T0G44AI838-CB	4718009611214
2TB	AGI2T0G44AI838-CB	4718009611221
4TB	AGI4T0G44AI838-CB	4718009612723



PCIe Gen4x4 M.2 SSD

M.2 PCIe SSD **AI838**



High Stability Fast read and write High Quality





Specifications

- Capacity: 1TB / 2TB/ 4TB
- NAND Flash: 3DNAND
- Interface: PCIe Gen 4 x 4
- Form factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x H): 80 x 22 x 3.5mm
- Operating Voltage: 3.3V±5%
- Humidity: 5% to~98%RH (Non-condensing)
- Operating Vibration:15G(7 to 2000Hz)
- Weight: 7.5g±0.2g
- Operating temperature: 0°C-70°C
- Storage temperature: -40°C-85°C
- Shock resistance: 1500G/0.5ms
- Certifications: CE, FCC, BSMI, RoHS
- Warranty: 5 years

Performance

Capacity	CDM-SEQ1M Q8T1		PS5 (Up to)	TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq.Read(MB/S)	
1TB	7400	5500	6200	750TB
2TB	7400	6700	6200	1500TB
4TB	7400	6700	6200	3000TB

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