



Features

- External DRAM Buffer
- 4K LDPC + RAID
- Capacity up to 2TB
- PCIe Gen 4 x 4 interface
- Support NVMe 1.4
- Support AES 128/256
- Support TCG Opal 2.01
- NANDXtend™ ECC Technology
- Support SMART and TRIM commands

Ordering Information

Capacity	Part Number	EAN Code
1TB	AGI1T0G44AI838	4718009611214
2TB	AGI2T0G44AI838	4718009611221





Specifications

- Capacity: 1TB/2TB
- NAND Flash: 3DNAND
- Interface: PCIe Gen 4 x 4
- Form factor: M.2 2280
- MTBF: 1,000,000 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: 3 years

Performance

Capacity	CDM-SEQ1M Q8T1		AS SSD		AS SSD 4K-64Thrd		ATTO		TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq. Read (MB/s)	Seq. Write (MB/s)	Read (IOPS)	Write (IOPS)	Seq. Read (MB/s)	Seq. Write (MB/s)	
1TB	7464	5515	6008	5274	437007	580392	7375	5528	1500TB
2TB	7465	6765	6007	5803	556567	615405	7423	6777	3000TB

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

Schematics

