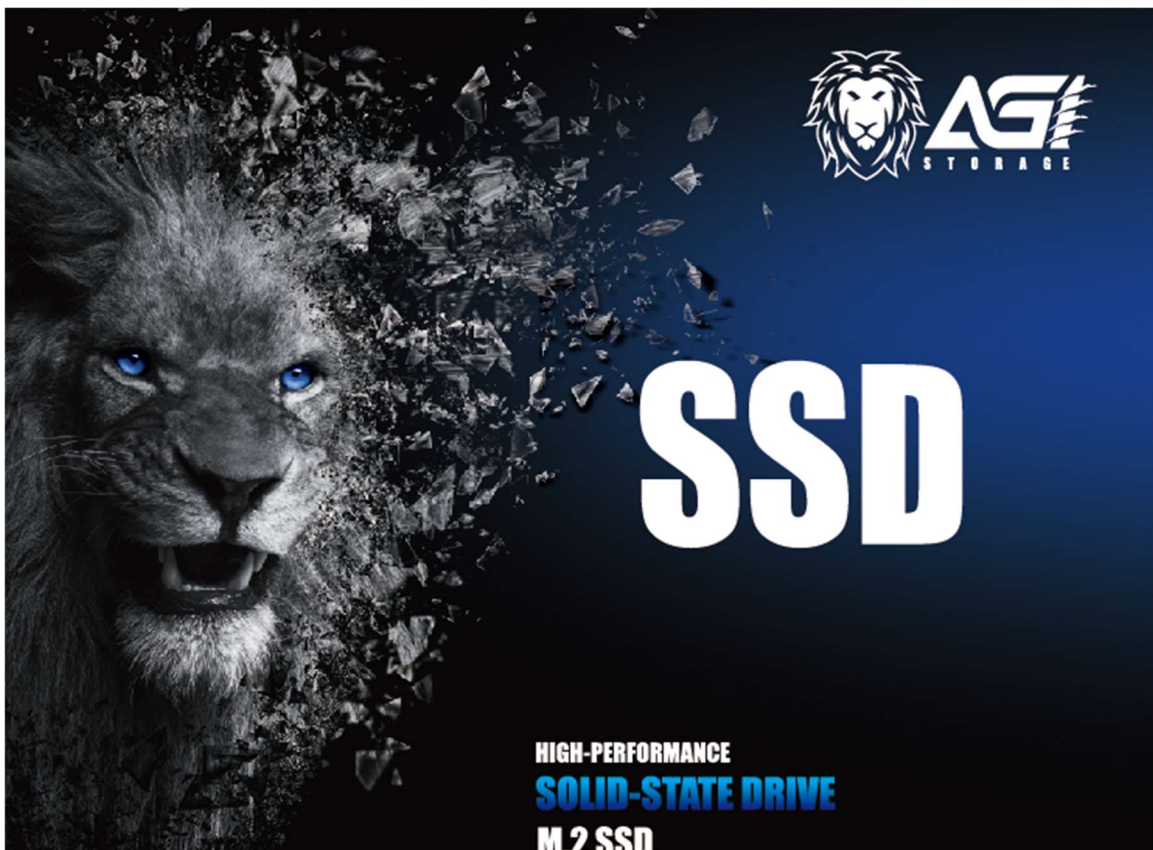


Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Capacity up to 2TB
- PCIe Gen 3 x 4 interface
- Support NVMe 1.3
- Datapath Protection
- DRAM Cache Buffer
- NANDXtend™ ECC Technology
- Support RAID Engine and Data Shaping Technology

Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI512GIMAI218	4718009610651
1TB	AGI1T0GIMAI218	4718009610644
2TB	AGI2T0GIMAI218	4718009610330





Specifications

- Capacity: 512GB/1TB/2TB
- NAND Flash: 3DNAND
- Interface: PCIe Gen 3 x 4
- Form factor: M.2 2280
- MTBF: 1,600,000 hours
- Dimensions (L x W x H): 22 x 80 x 3.5mm
- Operating Voltage: 3.3V
- Power Slumber: 50mW
- Power DESLVP: 2mW
- Weight: 6g
- Operating temperature: 0°C-70°C
- Storage temperature: -40°C-85°C
- Shock resistance: 1500G/0.5ms
- Certifications: CE, FCC, BSMI, VCCI, RoHS
- Warranty: 3 years

Performance

Capacity	CDM-QD32		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)	
512GB	3496	2382	2973	2109	184193	351293	3115	2374	250TB
1TB	3507	3114	2974	2537	347053	350900	3281	2909	500TB
2TB	3499	3075	2955	2433	344843	350107	3265	3019	1000TB

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

Schematics

