



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
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Ordering Information

Capacity	Part Number	EAN Code
256GB	AGI256GIMAI218	4718009611719
512GB	AGI512GIMAI218	4718009610651
1TB	AGI1T0GIMAI218	4718009610644
2TB	AGI2T0GIMAI218	4718009610330



SOLID-STATE DRIVE

HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality



M.2 SSD



Specifications

- Capacity: 256GB/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): 80 x 22 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)	
256GB	3063	1297	2622	1234	204881	276202	2781	1287	100TB
512GB	3083	2208	2711	2017	182969	305601	3004	2242	200TB
1TB	3478	3137	2989	2762	305790	342463	3223	2910	400TB
2TB	3508	3271	3014	2728	357567	312829	3231	3077	800TB

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

Schematics

