



Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 512GB to 2TB
- Advanced LDPC ECC Technology
- PCIe Gen 3 x 4 interface
- Support NVMe 1.3

Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI500GIMAI298	4718009611153
1TB	AGI1TOGIMAI298	4718009611191
2TB	AGI2TOGIMAI298	4718009611207



SOLID-STATE DRIVE
HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality



M.2 SSD



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): 80 x 22 x 3.5mm
- Operating Voltage: 3.3V
- 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		TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	
512GB	2200	1300	300TB
1TB	2400	1800	600TB
2TB	2400	1800	1200TB

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

Schematics

