



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
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Ordering Information

Capacity	Part Number	EAN Code
500GB	AGI500GIMAI298	4718009611153
1000GB	AGI1KOGIMAI298	4718009611160



SOLID-STATE DRIVE
HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality



M.2 SSD



Specifications

- Capacity: 512GB/500GB/1TB/1000GB
- NAND Flash: 3DNAND FLASH QLC
- 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)	
500GB	2356	1471	2177	1359	47982	241929	2311	1456	180TB
1000GB	2571	2071	2336	1924	95363	244767	2440	2010	350TB

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

Schematics

