



Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Capacity up to 4TB
- 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
256GB	AGI256GIMAI218	4718009611719
512GB	AGI512GIMAI218	4718009610651
1TB	AGI1T0GIMAI218	4718009610644
2TB	AGI2T0GIMAI218	4718009610330
4TB	AGI4T0G38AI218	4718009612167



SOLID-STATE DRIVE
HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality



M.2 SSD





Specifications

- Capacity: 256GB / 512GB / 1TB / 2TB / 4TB
- 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)	
256GB	3050	1250	150TB
512GB	3050	2200	300TB
1TB	3450	3100	600TB
2TB	3500	3200	1200TB
4TB	3700	2950	2400TB

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

Schematics

