



Features

- 3D TLCFlash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 256GB to 1TB
- Advanced LDPC ECC Technology
- PCIe Gen 3 x 4 interface
- Support NVMe 1.3

Ordering Information

Capacity	Part Number	EAN Code
256GB	AGI256G16AI198-CB	4718009610194
512GB	AGI512G16AI198-CB	4718009610200
1TB	AGI1T0G16AI198-CB	4718009610347
256GB	AGI256G66AI198-CB	4718009611436
512GB	AGI512G83AI198-CB	4718009614260



SOLID-STATE DRIVE
HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality



M.2 SSD



Specifications

- Capacity: 256GB/512GB/1TB
- NAND Flash: 3D TLC
- 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	1950	1200	150TB
512GB	2050	1600	300TB
1TB	2050	1650	600TB
256GB[66]	3000	2000	150TB
512GB[83]	3000	2200	300TB

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

Schematics

