



Features

- 3D NAND Flash 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	4718009610194
512GB	AGI512G16AI198	4718009610200
1TB	AGI1T0G16AI198	4718009610347



Specifications

- Capacity: 256GB/512GB/1TB
- 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): 22 x 80 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	1963	1228	1667	1068	194622	225954	1945	1231	100TB
512GB	2076	1679	1779	1446	216143	253486	1998	1665	200TB
1TB	2149	1720	1746	1455	223464	263666	2059	1714	300TB

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

Schematics

