



Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 256GB to 1TB
- Advanced error correction
- Tougher, quieter, and more reliable than HDDs
- Supports S.M.A.R.T., TRIM Command, APM and NCQ

Ordering Information

Capacity	Part Number	EAN Code
256GB	AGI256G06A1138	4718009610125
512GB	AGI512G17A1178	4718009610224
1TB	AGI1T0G17A1178	4718009610743
4TB	AGI4T0G25A1178	4718009611245



Specifications

- Capacity: 256GB/512GB /1TB / 4TB
- NAND Flash: 3DNAND
- Interface: SATA 6Gb/s (SATA III)
- Form factor: 2.5"
- MTBF: 1,600,000 hours
- Dimensions (L x W x H): 100 x 69.85 x 7mm
- Operating Voltage: 5V
- Power Active: 50mW
- Power Slumber: 20mW
- Power DESLVP: 2mW
- Weight: 63g
- 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	Seq. Write	Seq. Read	Seq. Write	Read	Write	Seq. Read	Seq. Write	
	(MB/s)	(MB/s)	(MB/s)	(MB/s)	(IOPS)	(IOPS)	(MB/s)	(MB/s)	
256GB	559	513	529	482	35890	78734	561	504	150TB
512GB	558	511	529	480	42425	78414	560	503	300TB
1TB	547	508	512	477	35366	71730	542	489	600TB
4TB	532	503	493	494	66064	63908	530	521	2400TB

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

Schematics

