



SOLID-STATE DRIVE

HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality

SATA3 SSD



Features

- 3D QLC NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 250GB to 2000GB
- 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
250GB	AGI250GIMAI238	4718009610750
500GB	AGI500GIMAI238	4718009610767
1000GB	AGI1K0GIMAI238	4718009610774
2000GB	AGI2K0GIMAI238	4718009611047



Specifications

- Capacity: 250GB/ 500GB/ 1000GB/ 2000GB
- Weight: 63g
- NAND Flash: 3D QLC NAND
- Interface: SATA 6Gb/s (SATA III)
- Operating temperature: 0°C-70°C
- Form factor: 2.5"
- Storage temperature: -40°C-85°C
- MTBF: 1,500,000 hours
- Shock resistance: 1500G/0.5ms
- Dimensions (L x W x H): 100 x 69.85 x 7mm
- Certifications: CE, FCC, BSMI, VCCI, RoHS
- Operating Voltage: 5V
- Warranty: 3 years
- Power Active: 50mW
- Power Slumber: 20mW
- Power DESLVP: 2mW

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)	
250GB	545	489	507	479	19276	70894	536	475	40TB
500GB	531	500	503	442	34686	78322	534	496	80TB
1000GB	558	504	525	461	44768	71178	559	499	160TB
2000GB	558	491	526	471	46297	69377	556	502	320TB

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

Schematics

