



SOLID-STATE DRIVE HIGH-PERFORMANCE



High
Stability



Fast read
and write



High
Quality

SATA3 SSD



Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 256GB to 4TB
- 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	AGI250GIMAI238	4718009610750
512GB	AGI500GIMAI238	4718009610767
1TB	AGI1K0GIMAI238	4718009610774
2TB	AGI2K0GIMAI238	4718009611047
4TB	AGI4K0GIMAI238	4718009612808



Specifications

- Capacity: 256GB / 512GB / 1TB / 2TB/4TB
- NAND Flash: 3D NAND
- Interface: SATA 6Gb/s (SATA III)
- Form factor: 2.5"
- MTBF: 1,500,000 hours
- Dimensions (L x W x H): 100 x 69.85 x 7mm
- Operating Voltage: 5V
- Power Consumption: 2W / 0.4W (Active/Idle)
- Weight: 50g
- 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	530	510	150TB
512GB	530	510	300TB
1TB	550	510	500TB
2TB	550	510	1000TB
4TB	520	450	2000TB

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

Schematics



www.agi-gear.com

