



HIGH-PERFORMANCE SOLID-STATE DRIVE

Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 240GB to 960GB
- 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
240GB	AGI240G06A1138	4718009610019
512GB	AGI512G17A1178	4718009610224
960GB	AGI960G17A1178	4718009610040



Specifications

- Capacity: 240GB/512GB/960GB
- 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
- Operating System: Microsoft Windows 7
Microsoft Windows 8
Microsoft Windows 10
Linux Kernel 2.6.31 or updated version

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)	
240GB	540	515	493	452	33579	76420	554	510	140TB
512GB	556	519	449	471	48519	78396	557	502	298TB
960GB	561	527	488	482	20585	77891	561	522	560TB

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

Schematics

