



## Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 512GB to 2TB
- PCIe Gen 4 x 4 interface
- Support NVMe 1.4
- NANDXtend™ ECC Technology
- Support SMART and TRIM commands

## Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI512GG44AI818	4718009612037
1TB	AGI1T0G44AI818	4718009612020
1TB	AGI1T0G43AI818	4718009612143
2TB	AGI2T0G43AI818	4718009612150



SOLID-STATE DRIVE  
HIGH-PERFORMANCE



High  
Stability



Fast read  
and write



High  
Quality



# M.2 SSD





## Specifications

- Capacity: 512GB / 1TB / 2TB
- NAND Flash: 3DNAND
- Interface: PCIe Gen 4 x 4
- Form factor: M.2 2280
- MTBF: 1,600,000 hours
- Operating Voltage: 3.3V±5%
- Humidity: 5% to~98%RH (Non-condensing)
- Operating Vibration:15G(7 to 2000Hz)
- Certifications:CE, FCC, BSMI, RoHS
- Warranty: 3 years
- Dimensions (L x W x H):
  - 80 x 22 x 5.4 mm (with heat sink)
  - 80 x 22 x 2.1 mm (without heat sink)
- Weight: 7.5g±0.2g
  - 512GB : 12g (w/ heat sink) / 6.3g(w/o heat sink)
  - 1TB : 11.2g (w/ heat sink) / 5.2g(w/o heat sink)
- Operating temperature: 0°C-70°C
- Storage temperature: -40°C-85°C
- Shock resistance: 1500G/0.5ms

## Performance

Capacity	CDM-SEQ1M Q8T1		TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	
512GB(44)	5000	4500	300TB
1TB(44)	5000	4500	600TB
1TB(43)	4700	2800	600TB
2TB(43)	5200	4700	1200TB

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

## Schematics

