



# AI298 PCIe 3.0 M.2 SSD

## Features

- 3D NAND Flash for greater durability and capacity
- SLC caching for accelerated data transfer
- Wide capacity range from 256GB to 4TB
- Advanced LDPC ECC technology for enhanced data reliability
- PCIe Gen3 x4 high-speed interface
- Supports NVMe 1.3 standard



## Ordering Information

Capacity	Part Number	EAN Code
256GB	AGI256GIMAI298-CB	4718009618671
512GB	AGI512GIMAI298-CB	4718009611184
1TB	AGI1TOGIMAI298-CB	4718009611191
2TB	AGI2TOGIMAI298-CB	4718009611207
4TB	AGI4TOGIMAI298-CB	4718009612815





## Specifications

Form Factor	M.2 2280
Interface	PCIe Gen3 x4
Capacity	512GB / 1TB / 2TB / 4TB
NAND Flash	3D NAND
Sequential Read/Write	256GB: 3,000 MB/s , 1,800 MB/s 512GB: 3,000 MB/s , 1,400 MB/s 1TB: 3,200 MB/s , 1,700 MB/s 2TB: 3,200 MB/s , 1,700 MB/s 4TB: 3,000 MB/s , 1,700 MB/s
Total Bytes Written	256GB: 150TB 512GB: 300TB 1TB: 600TB 2TB: 1,200TB 4TB: 2,400TB
Operating Voltage	3.3V
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Product Dimensions (L x W x H)	80 x 22 x 3.5mm
Package Dimensions (L x W x H)	131 x 101 x 16mm
Product Weight	5g
Package Weight	18g
Shock Resistance	1500G / 0.5ms
MTBF	1.6M hours
Certifications	CE, FCC, BSMI, VCCI, RoHS
Warranty	3 years



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

