



AI298 PCIe 4.0 M.2 SSD

Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 512GB to 4TB
- Advanced LDPC ECC Technology
- PCIe Gen3 x4 interface
- Support NVMe 1.3



Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI512GIMAI298-CB	4718009611184
1TB	AGI1T0GIMAI298-CB	4718009611191
2TB	AGI2T0GIMAI298-CB	4718009611207
4TB	AGI4T0GIMAI298-CB	4718009612815



Specifications

Form Factor	M.2 2280
Interface	PCIe Gen3 x4
Capacity	512GB / 1TB / 2TB / 4TB
NAND Flash	3D NAND
Sequential Read/Write	512GB: 3000 MB/s , 3000 MB/s 1TB: 3200 MB/s , 3200 MB/s 2TB: 3200 MB/s , 3200 MB/s 4TB: 3000 MB/s , 3000 MB/s
Total Bytes Written	512GB: 300TB 1TB: 600TB 2TB: 1200TB 4TB: 2400TB
Operating Voltage	3.3V
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Dimensions(L x W x H)	80 x 22 x 3.5mm
Weight	6g
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

