



AI818 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 2TB
- PCIe Gen4 x 4 interface
- Support NVMe 1.4
- Support SMART and TRIM commands
- Compatible with PS5



Ordering Information

Capacity	Part Number	EAN Code
512GB	AGI512G44AI818-CB	4718009612037
1TB	AGI1TOG43AI818-CB	4718009612143
2TB	AGI2TOG43AI818-CB	4718009612150



Specifications

Form Factor	M.2 2280
Interface	PCIe Gen4 x4
Capacity	512GB / 1TB / 2TB
NAND Flash	3D NAND
Sequential Read/Write	512GB: 4700 MB/s , 3300 MB/s 1TB: 4700 MB/s , 2800 MB/s 2TB: 5200 MB/s , 4700 MB/s
Total Bytes Written	512GB: 300TB 1TB: 600TB 2TB: 1200TB
Sequential Read (PS5)	512GB: 4300 MB/s 1TB: 4600 MB/s 2TB: 4600 MB/s
Operating Voltage	3.3V
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Product Dimensions (L x W x H)	22 x 80 x 2.8mm
Package Dimensions(L x W x H)	131 x 101 x 16mm
Product Weight	6.3g
Package Weight	18g
Shock Resistance	1500G/0.5ms
MTBF	1.6M hours
Certifications	CE, FCC, BSMI, RoHS
Warranty	5 Years Limited



*Actual performance may vary depending on capacity, host hardware, and system configuration.

