



# AI838 PCIe 4.0 M.2 SSD

## Features

- External DRAM Buffer
- 4K LDPC + RAID
- Capacity up to 4TB
- PCIe Gen4 x 4 interface
- Support NVMe 1.4
- Support SMART and TRIM commands
- Compatible with PS5



## Ordering Information

Capacity	Part Number	EAN Code
1TB	AGI1TOG44AI838-CB	4718009611214
2TB	AGI2TOG44AI838-CB	4718009611221
4TB	AGI4TOG44AI838-CB	4718009612723





## Specifications

Form Factor	M.2 2280
Interface	PCIe Gen4 x4
Capacity	1TB / 2TB / 4TB
NAND Flash	3D NAND
Sequential Read/Write	1TB: 7400 MB/s , 5500 MB/s 2TB: 7400 MB/s , 6700 MB/s 4TB: 7400 MB/s , 6700 MB/s
Total Bytes Written	1TB: 750TB 2TB: 1500TB 4TB: 3000TB
Sequential Read (PS5)	1TB: 6200 MB/s 2TB: 6200 MB/s 4TB: 6200 MB/s
Operating Voltage	3.3V±5%
Operating Temperature	0°C ~ 70°C
Humidity	5% ~ 98%RH (Non-condensing)
Operating Vibration	15G(7 ~ 2000Hz)
Storage Temperature	-40°C ~ 85°C
Product Dimensions (L x W x H)	80 x 22 x 9.7mm(with heat sink) 80 x 22 x 2.8mm(w/o heat sink)
Package Dimensions (L x W x H)	131 x 101 x 16mm
Product Weight	29g (with heat sink) 7g (w/o heat sink)
Package Weight	53g
Shock Resistance	1,500G / 0.5ms
MTBF	1.6M hours
Certifications	CE, FCC, BSMI, RoHS
Warranty	Limited 5 years



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

