



AI238 2.5" SATA3 SSD

Features

- Adopts the latest 3D NAND technology
- Built-in advanced LDPC error correction engine
- SLC caching algorithm to enhance performance
- Lightweight, shock-resistant, silent operation, and power-efficient compared to traditional HDDs
- Supports S.M.A.R.T., TRIM command, APM, and NCQ



Ordering Information

Capacity	Part Number	EAN Code
128GB	AGI128G25AI238-CB	4718009617568
256GB	AGI256G25AI238-CB	4718009617490
512GB	AGI512G25AI238-CB	4718009617506
1TB	AGI1TOG25AI238-CB	4718009617513
2TB	AGI2TOG25AI238-CB	4718009617520
4TB	AGI4TOG25AI238-CB	4718009617537





Specifications

Model Name	AI238
Form Factor	2.5"
Interface	SATA III
Capacity	128GB / 256GB / 512GB 1TB / 2TB / 4TB
NAND Flash	3D NAND
Sequential Read/Write	128GB 530 MB/s , 450 MB/s 256GB 530 MB/s , 510 MB/s 512GB 530 MB/s , 510 MB/s 1TB 550 MB/s , 510 MB/s 2TB 550 MB/s , 510 MB/s 4TB 520 MB/s , 450 MB/s
Total Bytes Written	128GB 75TB 256GB 150 TB 512GB 300 TB 1TB 500 TB 2TB 1000 TB 4TB 2000 TB
Operating Voltage	5V
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Product Dimensions (L x W x H)	100 x 70 x 7mm
Package Dimensions (L x W x H)	131 x 101 x 16mm
Product Weight	45g
Package Weight	63g
Shock Resistance	1500G/0.5ms
MTBF	1,500,000 hours
Certifications	CE, FCC, BSMI, RoHS
Warranty	3 Years Limited



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

