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AS281E M.2 SATA SSD

Features



- NCQ (Native Command Queuing)
- Compatible with SATA 1.5 / 3.0 / 6.0 Gb/s
- S.M.A.R.T Support
- Trim Command
- ATA / ATAPI Command Set (ACS) Compliant
- Dynamic & Static Wear-Leveling
- Background Garbage Collection
- SATA Revision 3.2
- Thermal Throttling
- Power Saving Mode: Partial Mode, Slumber Mode, DEVSLP

Ordering Information

Capacity	Part Number
128GB	AGI128ZAS281E1-BK
256GB	AGI256ZAS281E1-BK
512GB	AGI512ZAS281E1-BK
1TB	AGI1T0ZAS281E1-BK

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Specifications

Form Factor	M.2 2280
Interface	SATAIII
Capacity	128GB / 256GB / 512GB / 1TB
NAND Flash	3D NAND
Sequential Read/Write	128GB 330 MB/s , 120 MB/s 256GB 500 MB/s , 265 MB/s 512GB 540 MB/s , 500 MB/s 1TB 540 MB/s , 500 MB/s
Total Bytes Written	128GB 100TB 256GB 200TB 512GB 400TB 1TB 800TB
Operating Voltage	3.3V
Operating Temperature	-25°C ~ 85°C
Storage Temperature	-40°C ~ 85°C
Product Dimensions (L x W x H)	22 x 80 x 3.5mm
Product Weight	5.7g
Shock Resistance	1500G / 0.5ms
MTBF	1.5M hours
Certifications	CE, FCC, BSMI, RoHS
Warranty	3 years or rated TBW, whichever comes first

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

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