

ADATA Premier SP600NS34 M.2 2242 SATA SSD

The Premier SP600NS34 M.2 2242 SATA 6Gb/s SSD is built for PC development of the next generation – "faster and smaller". It's much smaller than a 2.5" SSD and mSATA, but comes with 128GB and 256GB in capacity, especially suitable for ultrabooks, slim notebooks and desktop PC. In addition, it also supports BCH ECC technology, Intel® Smart Response Technology, and DEVSLP (Device Sleep) function, making the Premier SP600NS34 become an outstanding solution with high stability, reliability and low power consumption.



Features

- Ultra-slim (M.2 2242) & Power-saving
- DEVSLP (Device Sleep) supported
- Advanced BCH ECC Technology
- Supports DDR3 DRAM Cache buffer
- Intel® Smart Response Technology supported
- S.M.A.R.T. / NCQ / TRIM Command supported

Ordering Information

Capacity	Model Number	EAN Code
128GB	ASP600NS34-128GM-C	4712366963436
256GB	ASP600NS34-256GM-C	4712366963443

Specifications

- Capacities: 128GB / 256GB
- Controller: JMicron JMF670H
- NAND Flash Memory: Synchronous MLC
- Interface: SATA 6Gb/sec (SATA III)
- Form Factor: M.2 2242
- MTBF: 1,500,000 hours
- Dimensions (L x W x T): 22 x 42 x 3.5mm
- Weight: 4g
- Operating Temperature: 0~70°C,
- Storage Temperature: -40~85°C
- Shock Resistance: 1500G/0.5ms
- BCH ECC Capability: up to 72-bit per 1KB
- Certifications: RoHS, CE, FCC, BSMI
- Warranty: 3 years

*Varies depending on exact configuration



Performance

Capacity	Read Speed ATTO (MB/sec)	Write Speed ATTO (MB/sec)	Sequential Read AS SSD (MB/sec)	Sequential Write AS SSD (MB/sec)	4K Random R/W Iometer (MB/sec)
128GB	550	170	500	160	70K/41K
256GB	550	320	500	300	75K/77K

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

Dimensional Drawings

