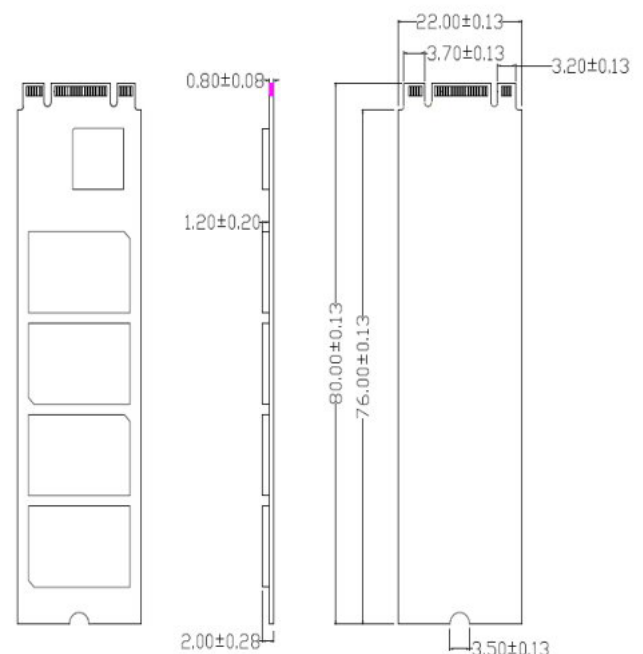


S3N80S M.2 2280 SATA SSD

The case M.2 SSD design has a significantly smaller footprint than a hard disk drive (HDD), and enables fast read/write access times and a significant I/O and throughput performance improvement as compared to HDD. This design makes it ideal for new and innovative small form factor computing platforms that have size and weight requirements that traditional HDD cannot meet, such as, notebook, thin-and-light systems, mini laptops, sub-notebooks, all in-one computers, and embedded platforms.

Note: The Indilinx S3N80S is designed for use in consumer notebooks and desktops, it is not recommended for use in industrial or server applications.



128GB/256GB/512GB/1TB

FEATURES

- 3D NAND Flash adopted for higher capacity, durability and excellent performance
- Advanced LDPC ECC and data protection technology enhances the endurance and retention of 3D NAND
- End to End data path protection
- Supports S.M.A.R.T., TRIM Command, and NCQ

SPECIFICATIONS

Capacities: 128GB, 256GB, 512GB and 1TB

Interface: SATA 1.5Gb/s, 3Gb/s and 6Gb/s interface

Form Factor: Full-sized M.2 2280 SSD

Dimensions (L x W): 80mm x 22mm

PCBA Weight: <8g

Storage Temperature: -40°C~85°C

Operation Temperature: 0°C~70°C

Shock Resistance: 1500G duration 0.5ms, Half Sine Wave

MTBF: 2,000,000 hours

Warranty: 5 years

PERFORMANCE

| Capacity | 128GB | 256GB | 512GB | 1TB |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
| Part Number | IND-S3N80S128GX | IND-S3N80S256GX | IND-S3N80S512GX | IND-S3N80S001TX |
| Max. Sequential Read (MB/s) | 500 | 500 | 500 | 530 |
| Max. Sequential Write (MB/s) | 400 | 420 | 450 | 450 |
| Terra Bytes Written (TBW) | 70 | 140 | 280 | 560 |

*1GB means 1,000,000,000 bytes, actual available capacity less.

*According to internal test, transmission rate may vary depending on host hardware, software and usage.

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