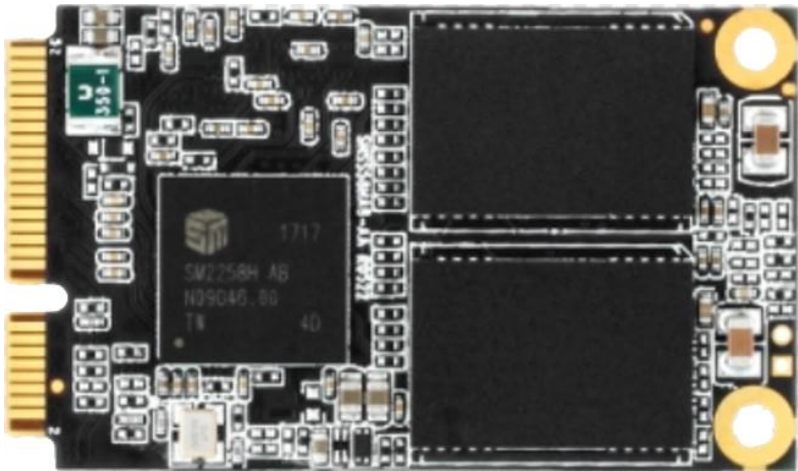


MSATA SSD

MSATA Solid State Drive

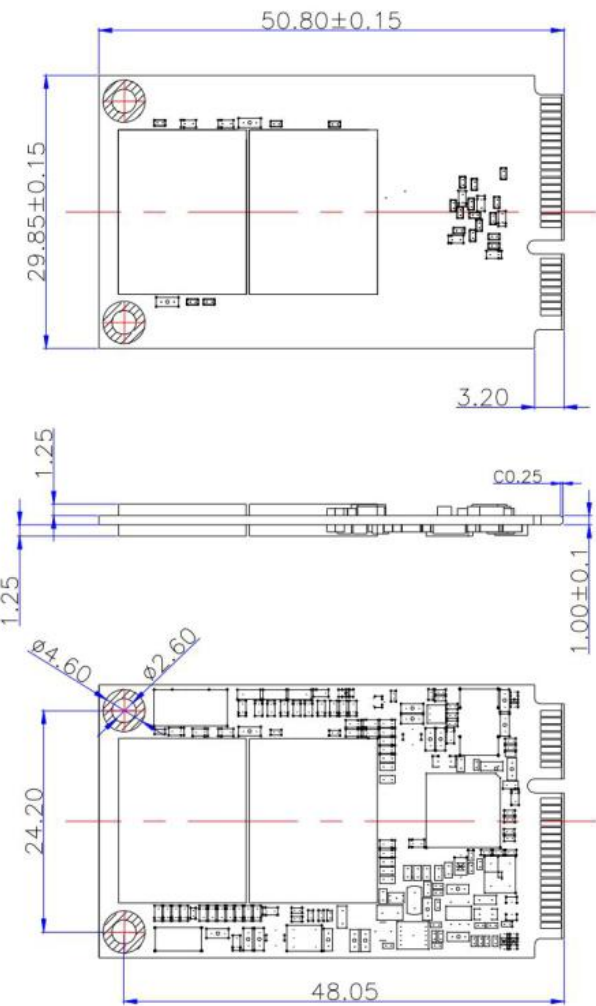


IONN mSATA SSD which adopts SM2259XT-2 SSD controller, and YMTC X2-9060 3D NAND Flash is designed as the standard MO-300A mSATA form factor with SATA interface, compliant with SATA III protocol providing excellent performance. Except for mechanical interference, the IONN mSATA SSD can replace the traditional SATA hard disks and make your personal computer smaller and slim. The IONN mSATA SSD is capable of maximum capacity up to 1TB, delivers high performance and low power consumption. So, it can effectively reduce the booting time of an operation system and the power consumption. It is ideal to use it for a boot device or data storage device.



Features

- 1G~8G bits Internal Cache
- Form Factor: MO-300A mSATA
- YMTC X2-9060 3D TLC NAND type flash built in
- Supports 1-port mini -SATA 1.5/3.0/6.0Gbps SATA I/II/III protocol.
- SMART feature set and 48-bit Address feature set
- Ultra-rugged and reliable
- High-speed performance
- Silent, no moving parts
- Data retention: JESD47 compliant
- Proprietary wear leveling algorithms



Specifications

Interface	SATA 6.0Gbps (SATA-III) or SATA 3.0Gbps (SATA-II) or SATA 1.5Gbps (SATA-I)
Operating Voltage	3.3V +/-5%
Operating System	Supported by all operating systems
Operating Temperature	Commercial Grade: 0°C to +70°C Storage Temperature: -45°C to +95°C
Humidity	5% to ~98% RH (Non-condensing)
Operating Shock	1500G at 0.5ms
Operating Vibration	15G(7 to 2000Hz)
Operating Altitude	120,000ft
Dimensions	50.8(L) x 29.85(W) x 4.75(H) mm
Installation Requirements	System Hardware which supports SATA -II/SATA -III standards System Hardware includes SATA socket or transfer board

*All product specifications and product images are subject to change without notice.