

SATA Module

mSATA

InnoDisk mSATA solid state disk is compliant with mini SATA and MO-300 specifications, which are defined by SATA-IO and JEDEC respectively.

It has compact Mini PCIe* form factor and enables more effective SATA integration in small form factor applications, such as thin client, digital signage, and notebook.

* mSATA is follow SATA interface but has same form factor with Mini PCIe card.

Features

- ★ Compliant with JEDEC MO-300, SATA-IO mini SATA
- ★ High-reliability: anti-shock and anti-vibration
- ★ Low-profile
- ★ Excellent data transfer speed
- ★ SMART: own AP to monitor the health of the SSD
- ★ Support static wear-leveling algorithm

SATA Slim Series

Within the popular form factor called as MO-297, which is defined by JEDEC. InnoDisk SATA Slim series offers SATA Slim J200 and D150Q two models. SATA Slim series delivers tiny-sized form factor, but standard SATA interface, especially appropriate for applications, such as nano ITX, Mini ITX, as well as digital signage.

Features

- ★ Compliant with JEDEC MO-297
- ★ High-reliability: anti-shock and anti-vibration
- ★ Excellent data transfer speed
- ★ SMART: own AP to monitor the health of the SSD
- ★ Support static wear-leveling algorithm



	mSATA D150Q	SATA Slim D150Q	SATA Slim J200
Capacity	2GB~32GB	2GB~32GB	8GB~64GB
Interface	Mini PCIe (SATA II 3.0G)	SATA II 3.0G	SATA II 3.0G
Data Transfer Rate	Read: 125MB/sec. (max.) Write: 120MB/sec. (max.)	Read: 125MB/sec. (max.) Write: 120MB/sec. (max.)	Read: 230MB/sec. (max.) Write: 180MB/sec. (max.)
Operation Temp.	0°C~+70°C (Standard) -40°C~+85°C (Industrial)	0°C~+70°C (Standard) -40°C~+85°C (Industrial)	0°C~+70°C (Standard) -40°C~+85°C (Industrial)
Storage Temp.	-55°C~+95°C	-55°C~+95°C	-55°C~+95°C
Vibration	20G(7~2000Hz)	20G(7~2000Hz)	20G(7~2000Hz)
Shock	1500G/0.5ms	1500G/0.5ms	1500G/0.5ms
DC Input Voltage	3.3V	5V	5V
Power Consumption	200mA(max.)	200mA(max.)	450mA(max.)
Dimension	30x50.95x3.4mm (WxLxH)	39x54x3.4mm (WxLxH)	39x54x6.8mm (WxLxH)
SMART	Support	Support	Support
ATA Security	Support	Support	Support