

SATA Module

SATADOM[®] Series

InnoDisk Serial ATA Disk on Module (SATADOM[®]) offers capacities from 128MB to 32GB. Specifically, it supports SATA II interface with excellent and fast data transfer rate. Innodisk SATADOM series provides the smallest form factor in the world that enhances functionality with various design applications. SATADOM offers optional built-in power at pin 7 of the SATA connector; in other words, it could be connected to the SATA port without additional power cable.

SATADOM D150S Series Features

- ★ Zero mechanical interference
- ★ High reliability
- ★ Anti-vibration connector design
- ★ Build-in power pin design
- ★ Intelligent wear leveling
- ★ Auto ECC function



SATADOM D150Q Series Features

- ★ Amazing smallest SATA disk module
- ★ Ultra high density up to 32GB
- ★ Simple and easy installation
- ★ Advanced and innovative mechanical design for anti-vibration (patented)
- ★ Built-in VCC at pin 7 (patented, optional)



D150SV

D150SH

D150SH-L

D150SV-L



Specifications	SATADOM D150 S Series	SATADOM D150QV	SATADOM D150QH
Capacity	128MB~8GB	2GB~ 32GB	2GB~ 32GB
Interface	SATA II 3.0G	SATA II 3.0G	SATA II 3.0G
Data Transfer Rate	Read : 30MB/sec. (max.) Write: 25MB/sec. (max.)	Read: 125MB/sec. (max.) Write: 120MB/sec. (max.)	Read: 125MB/sec. (max.) Write: 120MB/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	5G(7~2000Hz)	20G(7~2000Hz)	5G(7~2000Hz)
Shock	50G/10ms	1500G/0.5ms	50G/10ms
DC Input Voltage	5V	5V	5V
Power Consumption	165mA (max.)	200mA(max.)	200mA(max.)
Dimension (WxLxH)	D150SV: 20.8x32.8x8.0 mm D150SV-L: 32.8x29.6x8.0 mm D150SH: 18.0x30.3x11.4mm D150SH-L: 30x20.3x11.4mm	25 x 39.4 x 6.5mm	40.0x30x11.4 (WxLxH)
SMART	Support	Support	Support
ATA Security	Support	Support	Support