ServerDOM-L
3ME series

Bootable and compatible with all OS
Better reliability and MTBF than HDD
Small dimension for Blade or 1U servers
Compatible with Intel® RSTe
Cost effective storage solution
SATA Pin 8 VCC to enhance reliability and save space
Customizable for IPMI
Unexpected power loss protection

Introduction

Innodisk ServerDOM is dedicated to the further of server design. By using ServerDOM as a boot drive, there is more space for the hot-swappable data storage devices.

Innodisk ServerDOM supports SATA III standard (6.0Gb/s) interface with excellent performance and the innovative Pin8 uses the SATA connector itself as a power supply to drive the device without external cables. It could be connected directly to the SATA on-board socket on customers' system without additional power cable. Besides, the booting time for operation and the power consumption is less than hard disk drive (HDD), and can work under harsh environment compile with ATA protocol, no additional drives are required, and the SSD can be configured as a boot device or data storage device.
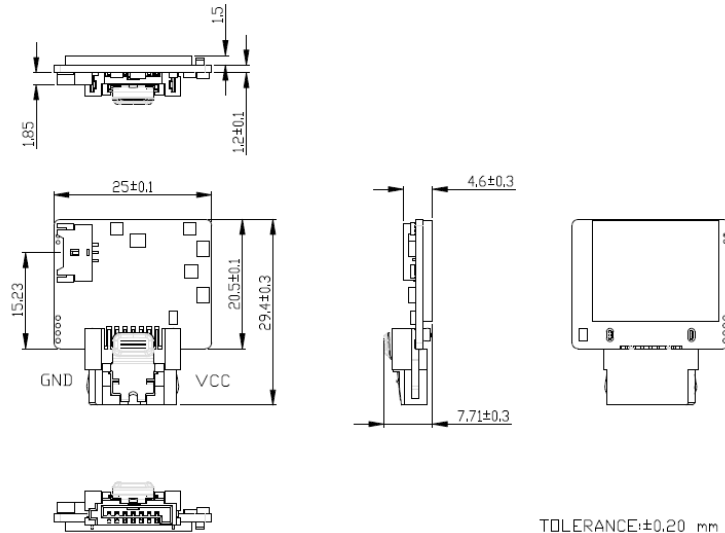
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Drawing

TOLERANCE:±0.20 mm

Specifications

Interface	SATA III 6Gb/s
Flash Type	MLC
Capacity (GB)	8, 16, 32, 64
Max. Channels	4
Sequential R/W (MB/sec, Max.)	480 / 160
Voltage	+5V ±10%
Max. Power Consumption	2.5 W
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension	25 X 29.4 X 7.2 mm
Environmental Specifications	Standard operation: 0°C ~ +70°C
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
OS Support	Windows series, Linux

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DESNL-08GD06SCCSYA	DESNL-16GD06SCCDYA	DESNL-32GD06SCCQYA	DESNL-64GD06SCCQYA
Standard Grade (Pin7+Pin8)	DESNL-08GD06SCCSYB	DESNL-16GD06SCCDYB	DESNL-32GD06SCCQYB	DESNL-64GD06SCCQYB

*PN end with A: Pin8+ power cable
B: Pin8+ Pin 7

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