

Datasheet

ServerDOM-L

3SE 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.

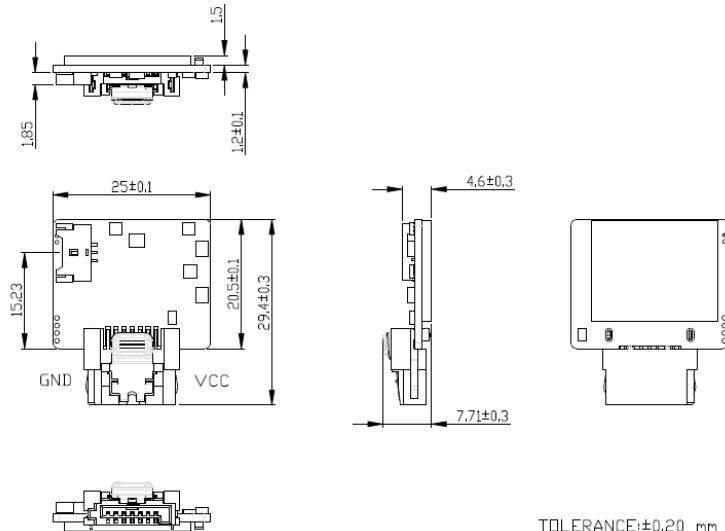
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Drawing

Contact us for more information about the ServerDOM-L 3SE

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the industrial/embedded, aerospace and defense, and cloud computing industries.



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20151208

Specifications

Interface	SATA III 6Gb/s
Flash Type	SLC
Capacity (GB)	2, 4, 8, 16
Max. Channels	4
Sequential R/W (MB/sec, Max.)	450 / 200
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

Ordering Information

Operation Temp.	2GB	4GB	8GB	16GB
Standard Grade (0°C ~ +70°C)	DESNL-02GD06SCCSXA	DESNL-04GD06SCCDXA	DESNL-08GD06SCCQXA	DESNL-16GD06SCCQXA
Standard Grade (Pin7+Pin8)	DESNL-02GD06SCCSXB	DESNL-04GD06SCCDXB	DESNL-08GD06SCCQXB	DESNL-16GD06SCCQXB
Industrial Grade (-40°C ~ +85°C)	DESNL-02GD06SWCSXA	DESNL-04GD06SWCDXA	DESNL-08GD06SWCQXA	DESNL-16GD06SWCQXA
Industrial Grade (Pin7+Pin8)	DESNL-02GD06SWCSXB	DESNL-04GD06SWCDXB	DESNL-08GD06SWCQXB	DESNL-16GD06SWCQXB

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

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