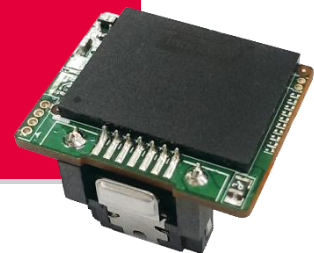Datasheet

ServerDOM-H
3IE3 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.
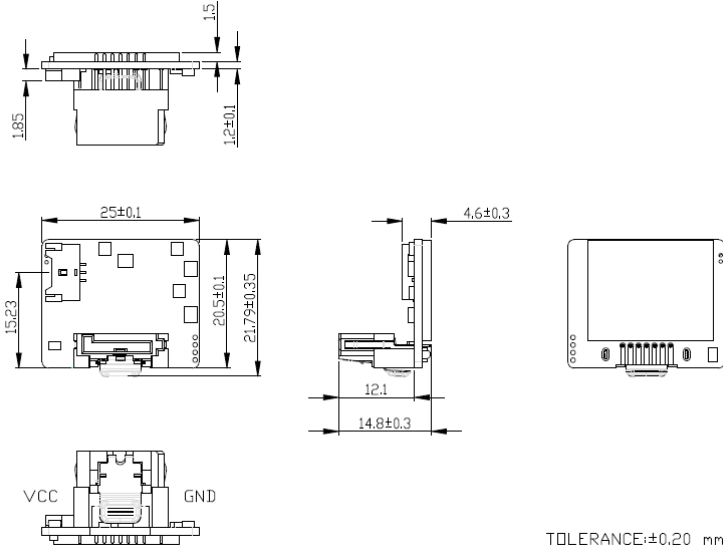
ServerDOM-H
3IE3 series
Drawing

20161205

TOLERANCE:±0.20 mm

Specifications

Interface	SATA III 6Gb/s
Flash Type	iSLC
Capacity (GB)	16, 32, 64
Max. Channels	4
Sequential R/W (MB/sec, Max.)	440/260
Voltage	+5V ±10%
Max. Power Consumption	2.3W
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension	25 X 21.7 X 14.8 mm
Environmental Specifications	Standard grade: 0°C ~ +70°C Industrial grade: -40°C ~ +85°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.	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DHSNH-16GD08BCADCA	DHSNH-32GD08BCAQCA	DHSNH-64GD08BCAQCA
Industrial Grade (-40°C ~ +85°C)	DHSNH-16GD08BWADCA	DHSNH-32GD08BWAQCA	DHSNH-64GD08BWAQCA

PN end with A: Pin8+ power cable

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