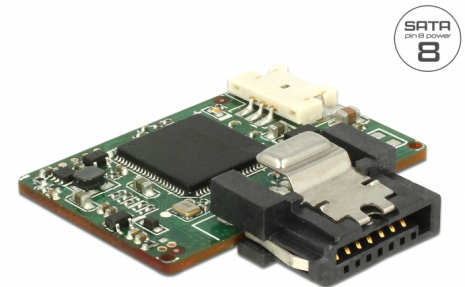


# Delock SATA 6 Gb/s DOM Module 32 GB MLC SATA Pin 8 power -40 °C ~ 85 °C

## Description

This SATA DOM module by Delock is especially suitable for use in industrial PCs und Server.

The module has an extended temperature range of -40 °C ~ 85 °C and is designed for use in harsh operating conditions.



32 GB

**Advantage:** No additional power supply is required as power is provided via the SATA pin 8 connector. To use this application, a motherboard with SATA pin 8 connector is needed. The SATA pin 8 connector on the motherboard is of yellow colour. If no SATA pin 8 connector is available, this module can also be used via the standard SATA connector. For this purpose, the power supply is provided via the 3 pin power connector.

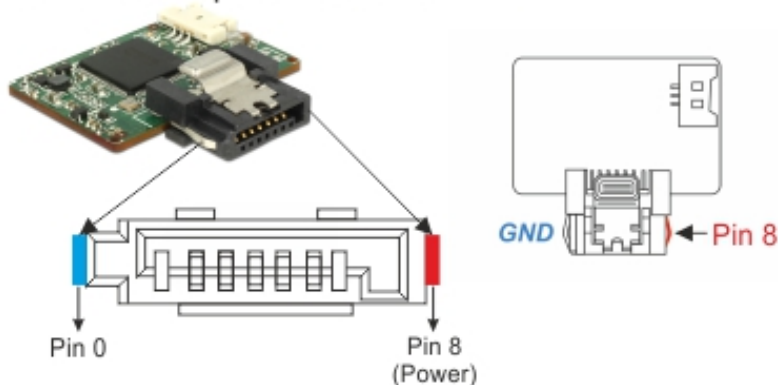
**Item no. 54749**

EAN: 4043619547494

Country of origin: Taiwan,  
Republic of China

Package: Antistatic cover

## Schematic representation for SATA Pin 8



## Standard power supply



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## Specification

- Capacity: 32 GB
  - Interface: SATA 6 Gb/s
  - Supports SATA pin 8 power
  - Chip: Toshiba
  - Flash type: MLC
  - Maximum performance: 100 MB/s read, 40 MB/s write
  - Maximum write cycles: 3000
  - Maximum power consumption: 1.8 W (5 V x 370 mA)
  - Write protect: no
  - ATA Security: yes
  - S.M.A.R.T.: yes
  - Thermal sensor: yes
  - Dimensions (WxLxH): 30 x 28.4 x 7.4 mm
  - Vibration: 20G @ 7 ~ 2000 Hz
  - Shock: 1500G @ 0.5 ms
  - MTBF: >3 million hours
  - Operation temperature: -40 °C ~ 85 °C - Industrial grade
  - Storage temperature: -55 °C ~ 95 °C
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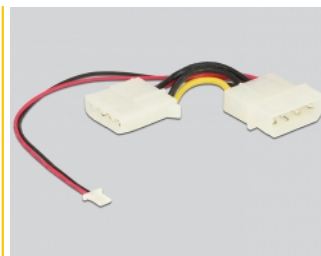
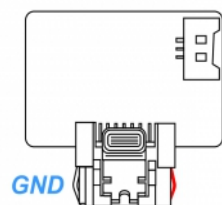
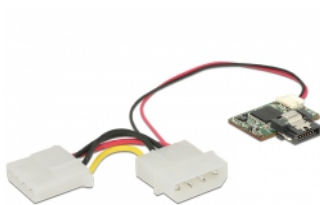
## System requirements

- A free SATA 8 pin or SATA 7 pin port
  - For SATA 7 pin: power supply with a free 4 pin power connection
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## Package content

- SATA DOM module
  - Power cable
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## Images



## Technical characteristics

Chipset:	Toshiba
Storage temperature:	-55°C - 95°C
Read:	100 MB/s
Maximum power consumption:	1.8 W
Maximum write cycles:	3000
MTBF:	3 million hours
Interface:	SATA 6.0 Gb/s
Shock:	1500 G @ 0.5 ms
Write:	40 Mb/s
Capacity:	32 GB
Thermal sensor:	yes
Vibration:	20 G @ 7 ~ 2000 Hz
Password protection:	Yes
Delock iSmart:	Yes

## Physical characteristics

Length:	28.4 mm
Width:	30 mm
Height:	7.4 mm