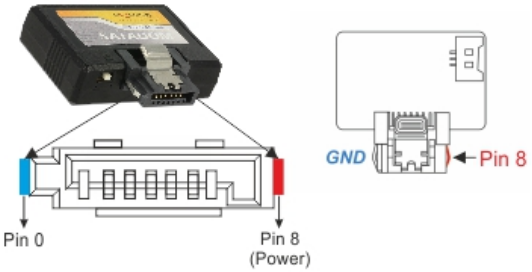
# Delock SATA 6 Gb/s DOM Module 32 GB MLC SATA Pin 8 power

## Description

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

**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.

Schematic representation for SATA Pin 8




Standard power supply

Here you find a overview of some Mainboards with Pin 8 power support

Gigabyte MX31-BS0
Gigabyte MC20-S10
Gigabyte MB10-DS0
Gigabyte MB10-DS3
Gigabyte MB10-DS4
Supermicro X10 series
Supermicro X11SSV-Q
Supermicro X11SBA-F
Supermicro X11SBA-LN4F
Supermicro X10SDV series

## Specification

## Item No. 54748

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- Capacity: 32 GB
- Interface: SATA 6 Gb/s
- Supports SATA pin 8 power
- Chip: Toshiba
- Flash type: MLC
- Maximum performance: 270 MB/s read, 45 MB/s write
- Maximum write cycles: 3000
- Maximum power consumption: 2.39 W (5 V x 478 mA)
- Write protect: yes
- ATA security: yes
- S.M.A.R.T.: yes
- Thermal sensor: yes
- Dimensions (width x length x height): 37.17 x 31.50 x 10.20 mm
- Vibration: 20G @ 7 ~ 2000 Hz
- Shock: 1500G @ 0.5 ms
- MTBF: >3 million hours
- Operation temperature: 0 °C ~ 70 °C
- Storage temperature: -55 °C ~ 95 °C

## System requirements

- A free SATA 8 pin or SATA 7 pin connector
- For SATA 7 pin: power supply with a free 4 pin power connection

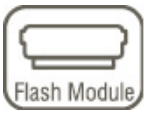
## Package content

- SATA DOM module
- Power cable

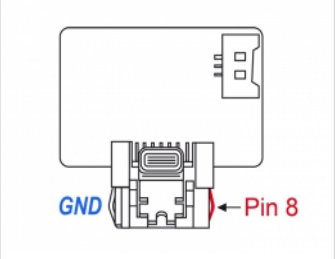
EAN: 4043619547487

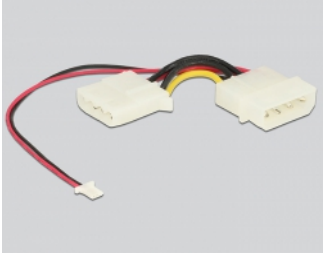
Country of origin: Taiwan, Republic Of China

Package: Antistatic cover




## Images



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| Technical characteristics | |
|---|---|
| Operation temperature: | 0° C - 70°C |
| Chipset: | Toshiba |
| Storage temperature: | -55°C - 95°C |
| Read: | 270 MB/s |
| Maximum power consumption: | 2.39 W |
| Maximum write cycles: | 3000 |
| MTBF: | 3 million hours |
| Interface: | SATA 6.0 Gb/s |
| Shock: | 1500 G @ 0.5 ms |
| Write: | 45 MB/s |
| Write protect: | yes |
| Capacity: | 32 GB |
| Thermal sensor: | yes |
| Vibration: | 20 G @ 7 ~ 2000 Hz |
| Password protection: | Yes |
| **Physical characteristics** | |
| Length: | 31.50 mm |
| Width: | 37.17 mm |
| Height: | 10.20 mm |

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