

Delock SATA 6 Gb/s DOM Module 16 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.



16 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.

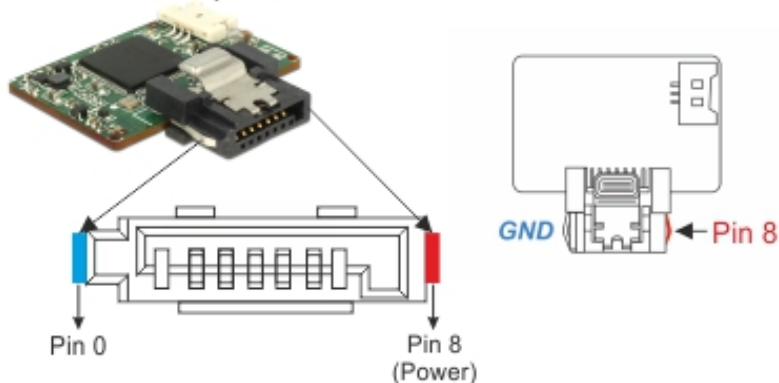
Item no. 54810

EAN: 4043619548101

Country of origin: Taiwan,
Republic of China

Package: Antistatic cover

Schematic representation for SATA Pin 8



Standard power supply



Specification

- Capacity: 16 GB
 - Interface: SATA 6 Gb/s
 - Supports SATA pin 8 power
 - Chip: Toshiba
 - Flash type: MLC
 - Maximum performance: 100 MB/s read, 32 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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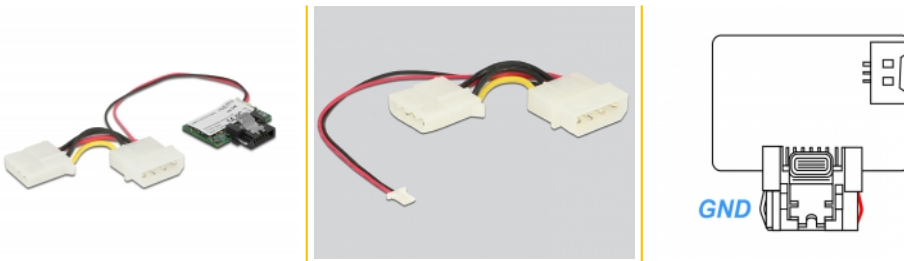
System requirements

- 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:	32 MB/s
Capacity:	16 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