



Delock SATA 6 Gb/s DOM Module 256 GB MLC SATA Pin 8 power -40 $^{\circ}$ C \sim 85 $^{\circ}$ C

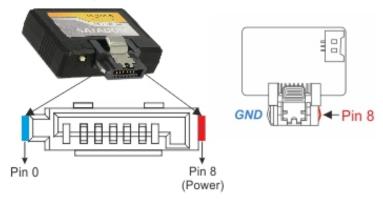
Description

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

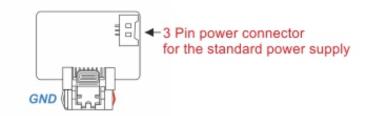
The module has an extended temperature range of -40 $^{\circ}$ C $^{\sim}$ 85 $^{\circ}$ C and is designed for use in harsh operating conditions.

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







Item no. 54782

EAN: 4043619547821

Country of origin: Taiwan,

Republic Of China

Package: Antistatic cover



Specification

Capacity: 256 GBInterface: SATA 6 Gb/sSupports SATA pin 8 power

Chip: ToshibaFlash type: MLC

• Maximum performance: 520 MB/s read, 340MB/s write

• Maximum write cycles: 3000

• Maximum power consumption: 2.39 W (5 V x 478 mA)

Write protect: yesATA security: yesS.M.A.R.T.: yesThermal sensor: yes

• Dimensions (width x length x height): 37.17 x 31.50 x 10.20 mm

Vibration: 20G @ 7 ~ 2000 HzShock: 1500G @ 0.5 ms

• MTBF: >3 million hours

• Operation temperature: Industrial grade -40 °C ~ 85 °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

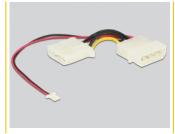
Package content

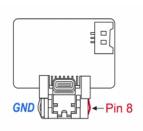
- SATA DOM module
- Power cable

Images













Technical characteristics

Chipset:	Toshiba
Storage temperature:	-55°C - 95°C
Read:	560 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:	180 MB/s
Write protect:	yes
Capacity:	256 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