Omni*Drive* **USB2 LF/SD 8-Bit**

- ❑ **USB-2 PC Card reader/writer**
- ❑ **For PCMCIA 8-Bit Linear Flash and SRAM Cards**
- ❑ **Separate Slot for SD Cards**
- ❑ **Easy installation and operation Win 98/Me, 2000, XP, Vista, Win 7, Win10 & Linux**
- ❑ **Compact, robust aluminium enclosure**
- ❑ **Option: -40°C ~ +85°C operating temp.**

Omni*Drive USB LF/SD 8-Bit* is an external drive for a number of Memory Card types corresponding to the PC Card Standard but with only an 8-bit data-bus. In particular, for **8-bit Linear Flash Cards and 8-bit SRAM Cards.**
In a separate slot, SD cards and MMC cards can be processed. Using an appropriate adapter, you can also read/write micro-SD cards.

The compact aluminium housing offers protection to both the cards and the unit itself.

Operating current is drawn from the USB-port, though an external power-supply (extra) may also be used.

Modern future-proof Design

Omni*Drive USB2 LF/SD 8-BIT* *is* based on a flexible design concept to meet industrial requirements.

This means in practice:

- ➢ **High-speed data transfer via USB 2.0**
- ➢ **Extreme functional reliability and data security**
- ➢ **Flexibility and protection of investment by easy update facility**
- ➢ **Long-term availability by own FPGA design**

Application areas

Omni*Drive USB2 LF/SD 8-BIT* is ideally suited to industrial applications where 8-bit PC cards and/or SD-cards are to be processed.

OmniDrive USB2 LF/SD 8-BIT

The drivers make possible the use of the tried-and–tested **Professional Software Tools**.

The Windows Tool **PC Card Manager** offers extensive facilities for accessing Linear Flash Cards:

- ➢ **Hex-Editor und Binary Copy Utility**
- ➢ **Flexible Formatter Utility**
- ➢ **Linear Flash Erase Utility**

The universal programming interface (API) offers direct access to Memory Cards by DLL from your own customised Windows applications. For this, the PC Card Software Development Kit is available as a separate product.

Specifications Omni*Drive USB2 LF/SD 8-BIT*

Description	Omni*Drive USB2LF/SD 8-BIT*
Memory Card Slots:	1 x PCMCIA Typ II front-slot 1 x SD-card front-slot
Data interface:	USB 2.0 and USB 1.1
Memory Card Types in PC Slot:	PC Linear Flash and SRAM cards with pure 8-bit databus.
Memory Card Types in SD Slot:	SD-card, SDHC-card, SIEMENS Micro Memory Cards. *With adapter:* Micro-SD-cards
Software:	**Professional Software** with the utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions (B x H x T) :	109 mm x 35 mm x 135 mm
Weight:	ca. 300 g
Operating temperature:	0°C ~ +70°C [2)]
Storage temperature:	-20°C ~ +85°C [2)]
Humidity:	max. 90% (non-condensing)
Power supply:	DC 5 V from PC via USB-port. Optional additional power-supply via AC adapter (extra)
System requirements:	PC with Win 98/Me, Win 2000, Win XP, Vista, Win 7, Win10 or Linux [3)]
Conformity:	$C\epsilon$

Shipping contents:

- **Omni*Drive USB2 LF/SD 8-BIT** in table-top housing
- **USB-cable 2m**
- **CD** with *Professional Software:*
    - *Device drivers* for Win 98/Me, 2000, XP, Vista, Win 7, Win10
    - *PC Card Manager* 32-bit utility for format-independent data-access including hex-editor.
    - **API with DeviceIoControl interface**
    - Multilingual user manual

Options:

- **AC power-adapter** (Euro and US.)

Additional products:

- *PC Card SDK*
  (PC Card Software Development Kit) for direct access to Memory Cards for custom applications.
- *API-32, DLLs* and *code examples*
- *Memory Cards*

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