

# OmniDrive USB2 intern Professional

- ▶ Internal PC Card Drive for USB 2.0
- ▶ For SRAM, ATA Flash, ATA Hard Disk a.o. PC Cards
- ▶ Easy installation and handling  
Windows Vista, XP, 2000, 98/Me & Linux
- ▶ Device driver for CSM Professional Software
- ▶ USB cable with connector for PC mother board
- ▶ Option: -40 to +85 °C operating temperature
- ▶ Option: Customizing / Design-in
- ▶ Option: PCB version

**OmniDrive USB2 intern Professional** is a drive in a 3,5" frame for **all kinds of Memory Cards** complying with the PC Card standard. This includes ATA Flash Cards, ATA Hard Disks, CompactFlash Cards with Adapter or SRAM Cards.

## **Modern future-proof design**

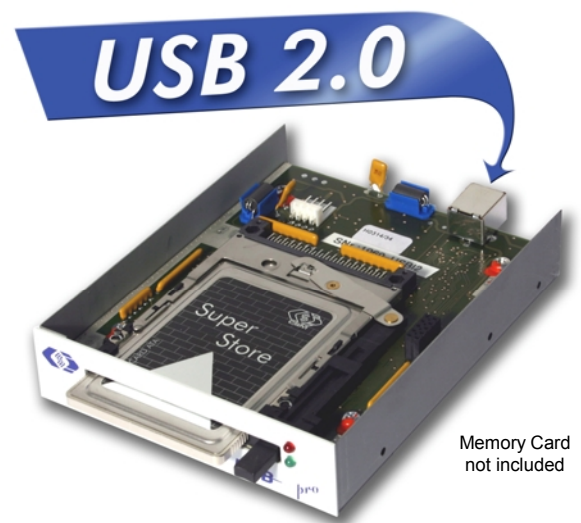
**OmniDrive USB2 intern Professional** is based on a flexible, CSM-own design which meets industrial requirements.

For **OmniDrive USB2 intern Professional** this means in detail:

- ▷ **High speed data transfer through USB 2.0**
- ▷ **Extreme functional and data security**
- ▷ **Long-term availability** by own FPGA design and manufacturing
- ▷ **Flexibility and protection of investment** by easy update possibility
- ▷ **Option:** Extended temperature range -40°C to + 85°C
- ▷ **Option:** Customer specific adaption

## **Easy installation**

**OmniDrive USB2 intern Professional** requires no internal slot like other internal drives and can be used independently of the PC bus (ISA, PCI, etc.). Instead the device is connected to a free **USB port on the PC mother board**. **OmniDrive** receives its power supply via the USB port and optional through an additional 4-pin connector for 3,5" floppy drives.



## **PC Card Manager and SDK**

**OmniDrive USB2 intern Professional** is part of the product line **OmniDrive Professional**. CSM's own device drivers allow to use the well-trying CSM Professional software tools.

The Windows tool **PC Card Manager** offers extensive possibilities for access to Memory Cards:

- ▷ **Flexible Format Utility**
- ▷ **Hex-Editor and Binary Copy Utility**
- ▷ **Inspect and Repair Tool** for ATA media

The universal **CSM programming interface (API)** offers by a DLL **direct access to Memory Cards** from own customized Windows applications.

For this the **CSM PC Card SDK** (Software Development Kit) is available as an additional product.

## **Linux software support**

Under **Linux** **OmniDrive USB2 intern Professional** is usable as a plug-and-play drive for ATA Flash Cards. For this the device drivers of Linux are used.

## **Perfect for Industrial PC's**

Unlike other internal drives **OmniDrive USB2 intern Professional** allows a cable length of 2m or more. It can be installed in terminals separated from the PC main board. On request custom OEM cable solutions are available.



## Specification OmniDrive *USB2 intern Professional*

Item	OmniDrive <i>USB2 intern Professional</i>
PC Card Slots	1 x type II front slot
Interface	USB 2.0 and USB 1.1
PC Card Types	ATA Flash, ATA Hard Disk, CompactFlash with Adapter, <b>SRAM</b> <sup>1)</sup>
Software	<b>CSM Professional Software</b> for Windows with <b>utilities</b> : PC Card Manager (PCM), OmniCtrl, BCPY32, CSMFORM
Dimensions (W x H x D)	Standard 3.5" frame, 101,5 mm x 25,5 mm x 128 mm PCB version: 100,8 mm x 18 mm x 124,5 mm
Weight	approx. 250 g / PCB version approx. 100 g
Operating Temperature	0°C to +70°C <sup>2)</sup>
Non-operating Temperature	-20°C to +85°C <sup>2)</sup>
Humidity	max. 90% (not condensing)
Power Supply	DC 5 V from PC via USB bus, additional 4-pin connector for 3,5" floppy drives
System Requirements	PC with Windows Vista, XP, 2000, 98/Me or Linux <sup>3)</sup>
Conformity	CE

<sup>1)</sup> Usage of SRAM Cards only under Windows.

<sup>2)</sup> Optional -40 °C to +85 °C (operating and non-operating).

<sup>3)</sup> Other operating systems on request.

### Shipping Content:

- **OmniDrive *USB2 intern Professional*** in 3.5" frame or as PCB version
- **USB cable**
- **CD with *CSM Professional Software*:**
  - **Device driver for Win 98/Me, 2000, XP, Vista**
  - **PC Card Manager** utility for format independent data access inclusive HEX-Editor
  - **API with *DeviceloControl-Interface***
- **User manual in multi-language**

### Additional products:

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

### Options:

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

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