

# OmniDrive USB intern Professional

- ▶ Internal PC Card Drive for USB
- ▶ For Linear Flash, SRAM, ATA Flash, ATA Hard Disk a.o. PC Cards
- ▶ Easy installation and handling  
Win 98/Me, 2000, XP, Vista, Linux
- ▶ Device driver for CSM Professional Software
- ▶ Optimized USB 1.1 data transfer  
Transfer rate up to 1 MByte/s.
- ▶ USB cable with connector for PC mother board
- ▶ Option: -40 to +85 °C operating temperature



**OmniDrive USB 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, Linear Flash Cards and SRAM Cards.

## Modern future-proof design

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

- ▷ **Perfect use** of USB 1.1 maximum data transfer rate of 12 MBit/s.
- ▷ **Extreme functional and data security**, on account of longstanding experience with OmniDrive Centronics and varying PC Cards.
- ▷ **Flexibility and protection of investment** by easy update possibility.
- ▷ **Long-term availability**
- ▷ **Option:** Temperature range **-40°C to +85°C**
- ▷ **Option:** Customizing / Design-In

## Easy installation

**OmniDrive USB 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.

## Windows software support

**OmniDrive USB intern Professional** is a **CSM Professional Drive**. Therefore it is perfect as a fast, robust drive for all common memory media. CSM's own device drivers allow to use the well-tried CSM Professional software tools. ATA memory media, **Linear Flash Cards** and **SRAM Cards** are supported.

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**. Detailed information can be found in the optionally available CSM PC Card Software Development Kit.

## Linux software support

Under **Linux** **OmniDrive USB intern Professional** is usable as a **plug-and-play drive for ATA memory media**. Hereby the device drivers of Linux are used.

## Perfect for Industrial PC's

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



## Specification OmniDrive *USB intern Professional*

Item	OmniDrive <i>USB intern Professional</i>
PC Card Slots	1 x type II front slot
Interface	USB 1.1 (12 MBit/s)
Data Transfer Rate	up to 1 MByte/s
PC Card Types	ATA Flash, ATA Hard Disk, CompactFlash with Adapter, <b>SRAM</b> <sup>1)</sup> , <b>Linear Flash</b> <sup>1)2)</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
Weight	approx. 250 g
Operating Temperature	0°C to +70°C <sup>3)</sup>
Non-operating Temperature	-20°C to +85°C <sup>3)</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 Win 98/Me, Win 2000, Win XP, Vista or Linux <sup>4)</sup>
Conformity	CE

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

<sup>2)</sup> AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash etc. Others on request.

<sup>3)</sup> Optional -40 °C to +85 °C (operating and non-operating).

<sup>4)</sup> Other operating systems on request.

### Shipping Content:

- **OmniDrive *USB intern Professional* in 3.5" frame**
- **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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