

OmniDrive USB2 intern LF

- ▶ Internal PC Card Drive for USB 2.0
- ▶ For Linear Flash, 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 LF is a drive in a 3,5" frame for **all kinds of Memory Cards** complying with the PC Card standard. This includes Linear Flash Cards, ATA Flash Cards, ATA Hard Disks, CompactFlash Cards with Adapter or SRAM Cards.

Modern future-proof design

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

- ▷ 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
- ▷ Option: PCB version

Easy installation

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

Item	OmniDrive USB2 intern LF
PC Card Slots	1 x type II front slot
Interface	USB 2.0 and USB 1.1
PC Card Types	Linear Flash ¹⁾²⁾ , SRAM ¹⁾ , ATA Flash, ATA Hard Disk, CompactFlash, SmartMedia, MultiMedia, Secure Digital Cards, a.o. with adapter
Software	CSM Professional Software for Windows with utilities : 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 ³⁾
Non-operating Temperature	-20°C to +85°C ³⁾
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 ⁴⁾
Conformity	CE

¹⁾ Usage of Linear Flash and SRAM Cards only under Windows.

²⁾ AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash. Others on request.

³⁾ Optional -40 °C to +85 °C (operating and non-operating).

⁴⁾ Other operating systems on request.

Shipping Content:

- **OmniDrive USB2 intern LF** 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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