

OmniDrive USB2 Professional

- ▶ Universal PC Card Reader for USB 2.0
- ▶ For ATA Flash Cards, CF Cards with adapter, ATA Hard Disks and SRAM Cards
- ▶ CSM Professional Software / SDK
- ▶ Compact, robust aluminum housing
- ▶ Long-term available industrial design
- ▶ Option: -40 to +85°C operating temperature
- ▶ Option: Customizing / Design-In
- ▶ Option: PCB version

OmniDrive USB2 Professional is a fast PC Card Drive which is perfect for all computers with USB interface. It supports a lot of Memory Cards which comply to the PC Card Standard, for instance **ATA Flash Cards, CF Cards with adapter, ATA Hard Disks and SRAM Cards**. The compact aluminum casing offers perfect protection for device and card. The power supply comes from the USB bus itself. In addition, if necessary, also by means of an AC adapter.

Modern future-proof design

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

For **OmniDrive USB2** 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

Applications

OmniDrive USB2 Professional is perfect for industrial applications where Memory Cards **with high capacities** must be read and written reliable:

- ▷ Medical technology
- ▷ Measurement
- ▷ Automation technology, etc.



PC Card Manager and SDK

OmniDrive USB2 Professional is part of the product line **OmniDrive Professional**. CSM's own device drivers allow to use the well-tried 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
- ▷ Reading of serial number and firmware revision of ATA and CF Cards

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 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

OmniDrive USB2 Professional is also available as compact **3.5" mounting version**. The available USB cable lengths of 2 m and more enable the mounting in separated operating panels.



Specification OmniDrive *USB2 Professional*

Item	OmniDrive <i>USB2 Professional</i>
PC Card Slots	1x type II front slot
Interface	USB 2.0 and USB 1.1
PC Card Types	ATA Flash, ATA Hard Disk, CompactFlash with adapter, Secure Digital Cards, etc. with adapter, SRAM ¹⁾
Software	CSM Professional Software for Windows with utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions (W x H x D)	109 mm x 35 mm x 135 mm PCB version: 100,8 mm x 18 mm x 124,5 mm
Weight	approx. 300 g / PCB version approx. 100 g
Operating Temperature	0 °C to +70 °C ²⁾
Non-operating Temperature	-20 °C to +85 °C ²⁾
Humidity	max. 90 % (non condensing)
Power Supply	DC 5 V from PC via USB bus optional additional power supply via AC adapter
System Requirements	PC with Windows 10, 8, 7, Vista, XP, 2000, 98/Me or Linux ^{1) 3)}
Conformity	

¹⁾ Usage of SRAM Cards only under Windows.

²⁾ Optional -40 °C to +85 °C (operating and non-operating).

³⁾ Other operating systems on request.

Shipping Content:

- **OmniDrive *USB2 Professional*** in table housing, 3.5" frame or as PCB version
- **USB cable**
- **CD with CSM Professional Software:**
 - **Device driver for Windows 10, 8, 7, Vista, XP, 2000, 98/Me**
 - **PC Card Manager** utility for format independent data access inclusive HEX-Editor
 - **API with DeviceloControl-Interface**
- **User manual in multi-language**

Options:

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

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**