

Datasheet OmniDrive

OmniDrive USB2 Professional



Description

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.

- Universal PC Card Reader for USB 2.0
- For ATA Flash Cards, CF Cards with adapter, ATA Hard Disks and SRAM Cards
- Compact and robust aluminium housing
- Long-term available industrial design

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

- Automation technology etc.
- Measurement
- Medical technology etc.

Linux software support

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

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.

OmniDrive USB2 Professional

Application

OmniDrive USB2 CF/SD 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: -40°C to +85°C extended temperature range
- Option: Customer specific adaption

Support of CSM Software tools

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 or access to Memory Cards:

- Flexible Format Utility
- Inspect und Repair Tool for ATA media
- Reading of serial number and firmware revision of ATA and CG Cards
- Hex-Editor and Binary Copy Utility

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.

Datasheet OmniDrive

OmniDrive USB2 Professional

Technical data

Specifications		
Type designation		OmniDrive USB2 Professional
PC Card Slots		1x typ II front slot
Interfaces		USB 2.0 und USB 1.1
PC Card Types		ATA Flash, ATA Hard Disk, CompactFlash with adapter, Secure Digital Cards, etc. with adapter, SRAM
Software		CSM Professional Software with utilities: PC Card Manager (PCM), OmniCtrl, BCPY32, CSMFORM
Dimensions		109mm × 35mm × 135mm PCB-Version: 100,8 mm x 18 mm x 124,5 mm
Weight		approx.. 300 g PCB-Version: approx. 100g
Operating temperature range		0°C to +70°C
Storage temperature		-20°C to +85°C
Humidity		max. 90% (non-condensing)
Power Supply		DC 5V 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 Linux1