

OmniDrive *USB*

- ❑ Universal PC Card drive for USB
- ❑ For ATA Flash, ATA Hard Disk, SRAM a.o. PC Cards
- ❑ Easy installation and handling
Win 98/Me, 2000, XP, Linux → Plug & Play
- ❑ Device driver for Professional Software
- ❑ Optimized USB 1.1 data transfer
Transfer rate up to 1 MByte/s.
- ❑ Compact, robust aluminum casing
- ❑ Option: -40 to +85 °C operating temperature

OmniDrive USB is an external drive for a lot of **Memory Cards** complying with the PC Card Standard. Specially for **ATA Flash Cards**, **ATA Hard Disks**, **SRAM Cards** as well as CompactFlash, SmartMedia, MultiMediaCards and SD Cards with adapter. 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 USB is the first member of the new High Speed **OmniDrive** product family, which is based on a proprietary's own, flexible design.

For **OmniDrive USB** this means in detail:

- **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:** Extended temperature range
- 40 °C to + 85 °C

OmniDrive USB

OmniDrive USB is a **plug & play drive** for operation under Windows 98/Me, 2000, XP and Linux. When connected to the USB port the **OmniDrive USB** will be installed automatically, and the drive is ready for use at once.

Therefore it is perfect as a fast, robust drive for **ATA memory media** with standard DOS format.



OmniDrive USB Professional

OmniDrive USB Professional supports besides ATA memory media also **SRAM Memory Cards**. The device drivers allow to use the well-tried Professional software tools.

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

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

The universal 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 PC Card Software Development Kit.

Mounting version

For use in customer projects **OmniDrive USB** is also available as **3 1/2" mounting version**. The **compact metal frame** is just 128 mm long and 25 mm high. It can be used also under conditions with restricted space.

Outlook

MultiMediaCards as well as SD Cards are supported with adapter. A special USB drive version for MultiMediaCards and Secure Digital Cards is coming soon. This will also be available with additional CompactFlash slot.

Specification OmniDrive USB

| Item | OmniDrive USB | OmniDrive USB Professional |
|---------------------------|--|---|
| PC Card Slots | 1x 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, SmartMedia, MultiMedia, Secure Digital Cards, a.o. with adapter | SRAM; ATA Flash, ATA Hard Disk; CompactFlash, SmartMedia, MultiMedia, Secure Digital Cards, a.o. with adapter |
| Software | - | Professional Software with utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM |
| Dimensions (W x H x D) | 109 mm x 35 mm x 135 mm | |
| Weight | approx. 300 g | |
| Operating Temperature | 0°C to +70°C ¹⁾ | |
| Non-operating Temperature | -20°C to +85°C ¹⁾ | |
| Humidity | max. 90% (not condensing) | |
| Power Supply | DC 5 V from PC via USB bus optional additional power supply via AC adapter | |
| System Requirements | PC with Win 98/Me, Win 2000, Win XP or Linux ²⁾ | PC with Win 98/Me, Win 2000 or Win XP |
| Conformity | CE | |

¹⁾ Optional -40°C to +85°C (operating and non-operating).

²⁾ Other operating systems on request.

Shipping Contents:

OmniDrive USB

- **OmniDrive USB** in aluminum case
- **USB cable**
- **User manual** in multi-language

Options:

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

OmniDrive USB Professional

Same as OmniDrive USB, additionally
Professional Software:

- **32-bit device driver for Win 98/Me, 2000, XP**
- **PC Card Manager** 32-bit utility for format-independent data access inclusive HEX-Editor
- **32-bit API with DeviceloControl-Interface**

Additional products:

- **PC Card SDK** (PC Card Software Development Kit) for direct access to a Memory Card's contents using own applications
API-32, DLLs and **code examples**