

OmniDrive

- ▶ Universal PC Card drive for PC printer port (SPP and EPP)
- ▶ For SRAM, linear Flash, ATA Flash, ATA Hard Disk a.o. PC Cards
- ▶ Data transfer rate up to 1 MB/s
- ▶ Device driver for Windows 7 (32-bit), Vista (32-bit), XP (32-bit), 2000, NT 4.0, 95/98/Me
- ▶ Easy installation and handling
- ▶ PC printer port passed through



OmniDrive is an external drive for **all kinds of Memory Cards** complying with the PC Card standard. This includes SRAM Cards, Linear Flash Cards, ATA Flash Cards, CompactFlash Cards, ATA Hard Disks, SmartMedia Cards, MultiMediaCards and SD Memory Cards.

In addition to the standard PC printer port (SPP) OmniDrive supports the bidirectional PC printer port (EPP). In fact, a data transfer rate up to 1 MB/s can be realized. OmniDrive is perfect for storage-intensive applications handling ATA Hard Disks or high capacity ATA Flash Cards. The PC printer port is passed through using a daisy chain mechanism. It stays available for other devices.

OmniDrive is available in **two versions**:

OmniDrive Standard

OmniDrive Standard is used in applications, where a reliable access to SRAM or ATA Cards is essential. **A wide range of DOS-formats is accepted.** Typical applications are:

- ▷ **Medical Field**
Write/read device for practice computers
- ▷ **Agricultural Machinery**
Evaluation of precision farming data

OmniDrive Professional

OmniDrive Professional is designed for accessing all types of Memory Cards. The identification of Memory Cards and the selection of suitable access are automatically provided by the intelligent CSM driver software. Also, the type of Flash chips used in Linear Flash Cards is recognized.

Included is the Windows tool **PC Card Manager**, that provides extensive possibilities for access to Memory Cards:

- ▷ **Flexible Format Utility**
for SRAM and ATA media
- ▷ **Hex-Editor and Binary Copy Utility**
for all kinds of memory cards
- ▷ **Inspect and Repair Tool**
for ATA memory media

The universal CSM programming interface (API) offers **direct access to Memory Cards from own customized applications.** This API is available for 32-bit platforms. Detailed information can be found in the optionally available CSM PC Card Software Development Kit.

Data security

Exceptional data security is achieved by means of special precautions against electrostatic discharge, a watchdog and permanent checksum monitoring during data transfer. A robust aluminum casing protects the device and the Memory Cards inserted.

Specification *OmniDrive Standard / Professional*

Item	<i>OmniDrive Standard</i>	<i>OmniDrive Professional</i>
PC Card Slots	1x type II front slot	1x type III front slot
Interface	PC printer port (SPP and EPP), automatic configuration	
Data Transfer Rate	up to 1 MB/s	
PC Card Types	SRAM ATA Flash CompactFlash with adapter SmartMedia Card with adapter MultiMediaCard with adapter SD Memory Card with adapter	SRAM, Linear Flash ¹⁾ ATA Flash, ATA Hard Disk CompactFlash with adapter SmartMedia Card with adapter MultiMediaCard with adapter SD Memory Card with adapter
	Up to 2 GB capacity	
Software	CSM Standard Software with utilities: OmniCtrl CSMFORM	CSM Professional Software with utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions	109 (W) x 35 (H) x 174 (D) mm	
Weight	approx. 600 g	
Temperature	0 °C to +70 °C	
Non-operating Temperature	-20 °C to +85 °C	
Humidity	max. 90 % (non condensing)	
Power Supply	DC 5 V from PC via adapter cable (optional power supply for 230/110 V, 50/60 Hz)	
System Requirements	PC with Windows 7 (32-bit), Vista (32-bit), XP (32-bit), 2000, NT 4.0, 95/98/Me, 3.x or MS-DOS 3.3+	
Conformity	CE	

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

Shipping Content:

OmniDrive Standard

- **OmniDrive** with data cable to PC printer port
- **Adapter** (USB, MDIN-PS2) for power supply
- **CD** with:
Device driver for Windows 7 (32-bit), Vista (32-bit), XP (32-bit), 2000, NT 4.0, 95/98/Me, 3.x or MS-DOS 3.3+
- **Utilities** for installation, configuration and formatting
- **User manual** in multi-language

Options:

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

OmniDrive Professional

Same as *OmniDrive Standard*, additionally
Professional Software:

- **PC Card Manager** utility for format-independent data access inclusive HEX-Editor
- **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
CSM API-32, DLLs and code examples
- **SuperStore Industrial Memory Cards**

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