OmniDrive

USB2 LF

Product description

OmniDrive USB2 LF is an external drive for a lot of Memory Cards complying with the PC Card Standard. Specially for Linear Flash Cards & SRAM Cards 16-Bit, ATA Flash Cards and ATA Hard Disks as well as CompactFlash, SmartMedia, MultiMedia-Cards 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 USB2 LF is based on a flexible, CSM-own design which meets industrial requirements.

For **OmniDrive USB2 LF** 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

Key features

▸ Universal PC Card Reader for USB 2.0

▸ For Linear Flash & SRAM Cards 16-Bit, ATA Flash and ATA Hard Disk

▸ CSM Professional Software / SDK

▸ Compact, robust aluminum housing

▸ Long-term available industrial design

▸ Option: -40 °C to +85 °C operating temperature

▸ Option: Customizing / Design-In

▸ Options: internal with 3,5"-frame or PCB version

Applications

OmniDrive USB2 LF is perfect for industrial applications where Linear Flash Cards 16-Bit are used:

▸ Automation and control technology

▸ Machine construction

▸ Medical technology, etc.

OmniDrive USB2 LF

OmniDrive USB2 LF is a CSM Professional Drive. Therefore it is perfect as a fast, robust drive for the listed memory media. In addition CSM's own device drivers allow to use the well-tried CSM Professional software tools.

Innovative Measurement and Data Technology

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

▶ Hex-Editor and Binary Copy Utility
▶ Test of data consistency by 16-bit CRC checksum
▶ Linear Flash Erase 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.

Linux software support

Under Linux **OmniDrive USB2 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

For use in IPCs the **OmniDrive USB2 LF** is also available as compact 3.5" mounting and PCB version.

The available USB cable lengths of 2 m and more enable the mounting in separated operating panels.

Scope of delivery

▶ OmniDrive USB2 LF in table housing
▶ USB cable

Additional products

▶ SuperStore Industrial Memory Cards

Downloads

▶ PC Card SDK (PC Card Software Development Kit) for direct access to Memory Cards for custom applications
▶ CSM API-32, DLLs and code examples
▶ CSM Professional Software:
  ▶ Device driver for Windows 11, 10, 8, 7, Vista, XP, 2000, 98/Me
  ▶ PC Card Manager utility for format independent data access inclusive HEX-Editor
  ▶ API with DeviceIoControl-Interface
▶ Multilingual user manual

Technical data

Type designation	**OmniDrive USB2 LF**
PC Card Slots	1x type II front slot
Interfaces	USB 2.0 and USB 1.1
PC Card Types	Linear Flash & SRAM Cards 16-Bit[1,2], 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 × h × 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 range	0 °C to +70 °C[3]
Storage temperature	-20 °C to +85 °C[3]
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 11, 10, 8, 7, Vista, XP, 2000, 98/Me or Linux[1]
Conformity	CE

[1] Usage of Linear Flash & SRAM Cards 16-Bit only under Windows.

[2] AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash.

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

CSM

CSM GmbH Headquarters (Germany)

Raiffeisenstraße 36 • 70794 Filderstadt

📞 +49 711 - 77 96 40   ✉ bucd@csm.de

You can find an overview of our partners on our website: www.csm.de/en/bucd