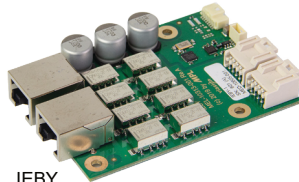


Expansion Options for the CEC20x



IEBY
LAN bypass solution



CEC20 only
FIME mPCIe expansion
DVI, VGA, 2x 2.5Gbit LAN



CEC20x
with build in FIME expansion

General Description

Although the MPL Processor boards are traditionally equipped quite well, special interfaces like sound or standard PCI slots are sometimes required in industrial applications. Therefore, we provide you with a selection of optional expansion modules to further extend the capabilities of the MPL processor boards..

Key features are

- Low power usage
- Rugged design
- Long-term availability*
- Environment temperature up to -40°C to +85°C

MPL expansions options have been designed to withstand harsh environments and extreme temperature conditions. The special rugged design, combined with the best industrial-grade components, offer high reliability and long-term performance.

MPL products are 100% designed and manufactured in Switzerland. All products are fanless, shock and vibration proof, low power, rugged, and long-term* available. The perfect solution for a system to be used in rugged environments.

* Typically 10 years or more, 20+ repair



All MPL products are 100% designed and manufactured in Switzerland.

Special Features

- ECC DDR3 memory modules (extended temperature)
- Specific interface for vehicle operation
- On-board soldered flash
- Space for mSATA and/or SATA2.5" disks
- mPCIe expansion bus up to 7 slots
- Extended temperature option (-40°C to +85°C)
- Coated and bonded versions
- Marine certified versions (IEC60945)
- Railway certified versions (EN50155)

CEC Options

Power Options

SM BATT	UPS 0°C - 60°C / -40°C - 75°C (smart battery)
PIPVIN	9-36V/18-72V/43-160V input
REDPI	Redundant power input

Expansion Options

FIME	mPCIe exp. 3 slots, DVI, VGA, 2x 2.5Gbit LAN
ICC	Customized interconnect board

Networking options

μMAGBES	10-port managed Gbit switch
μTX2FX	Media converter (copper to fiber)
μEPI	PoE (Power over Ethernet)
IEBY	LAN bypass solution

Various Add-on

SERIF	RS232 / isolated RS232/422/485 module
HDSound	Sound module
DUALDP-1	Second display port module
FLEXIO	DIO/AIO add-on card, up to 64 channel

MPL AG is an ISO9001 certified company