

## RAIL-CEC - Compact Embedded Industrial PC now with EN50155 Certification

In addition to the IEC 60945 maritime certification, the CEC Family from MPL has now received EN50155 certification for the use in railway applications. This innovative ultra compact computer product line is still based on the MPL typical product characteristics like; robustness, highest reliability, long term availability, low power consumption, as well as use in the extended temperature range.

### Dättwil Switzerland, August, 2014

The heart of the CEC are the low power consumption ATOM CPUs from Intel. They are from Intel's embedded program which guarantees a long-term availability for the CPU. MPL products are typically being offered for at least 10 years after its first introduction.

The solution comes without any cable connection and makes it ideal for for the use in rugged applications such as Railway, Maritime, Aerospace, or Defense. Even HDD or SSD are connected without the use of a connector cable.

CECs are very universal as they come with 2 serial lines, up to 7 USB ports, PC/2 DVI, and up to 4 GigeE interfaces with M12 connectors. They can be expanded internally over a miniPCIe with WLAN, Fieldbus (Profibus, CAN, ...), or any other miniPCIe module.



The input range is 9 -36 VDC and polarity protected. The unit can be wall mounted with a flange or via DIN-Rail mounting. Needless to say that the solution is available with optional bonding and coating.

Additional unique features are:

- Compact size 62.0 x 162.1 x 118mm (W x H x D)
- Class Tx certified -40°C to +85°C
- Up to 2GB DDR2 memory
- SATA IF for DOM and 2.5" disk
- Long-term availability
- BIOS customization & OEM solutions possible

The CEC units are developed in Switzerland based on more than 29 years company tradition with a huge know how in lowest power consumption and extended temperature operation. According to the company slogan "MPL High-Tech • Made in Switzerland", all products are 100% produced in Switzerland by MPL AG.

### About the Company

MPL AG is located in Switzerland in the town of Dättwil near Zurich. It was founded 1985 by Rudolf Hug. Since 1985, MPL AG has been developing and manufacturing rugged embedded computers and Ethernet solutions (boards and systems), and industrial controls with a high quality standard. The success of the company is based on unique solutions: a rugged, PC compatible industrial concept, long-term availability of the products, low power consumption, extended temperature range, and passive cooling concepts (fanless).

For further information, please visit - <http://www.mpl.ch>

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