

MPL AG honored by 2021 Military & Aerospace Innovators Awards

The MXCS-15xxML (MXCS Family) was recognized among the best by the 2021 Military & Aerospace Electronics Innovators Awards. An esteemed and experienced panel of judges from the aerospace and defense community recognized MPL AG as a Gold honoree.



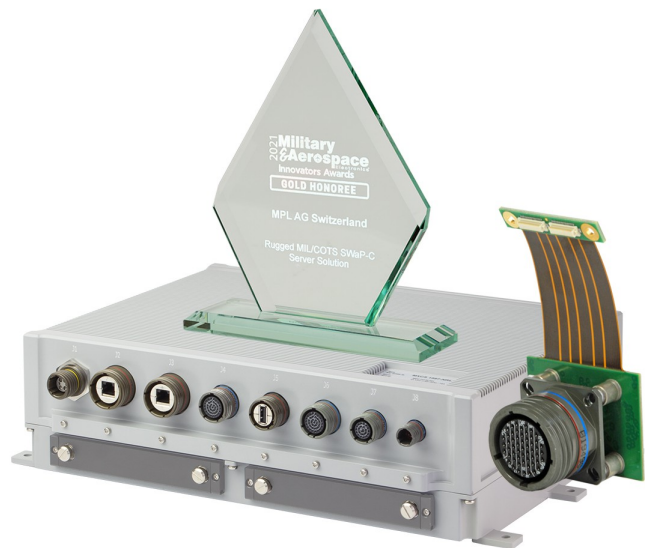
Dättwil Switzerland, November 2021

Rugged MIL/COTS SWaP-C Server conductive cooled, with Intel Xeon CPUs. The MIL/COTS SWaP-C Server Solution was designed with the target to meet the MIL-STD-810 as well as parts of the DO-160 standards. The unique solution is installed in a compact IP67 housing with a total of eight D-38999 connectors, including a dual fiber optical 10Gbit LAN port. The market does not provide server solution that are as rugged, come without the need of a fan, and can be operated at -20°C up to 60°C. In addition, MPL's engineering team focused to eliminate as much as possible of the wires, to provide a the long-term reliability of the product.

Solution

The presented embedded server solution is unique, fanless and available in various versions. A customer can chose from various soldered CPUs with up to 16 cores out of the Intel road-map with long-term availability. Decades of experience from MPL (since 1985) in developing and producing extremely robust embedded solutions, have made the MXCS Server Family possible. With the size optimized board, SWaP-C can be achieved.

Customization is MPL's strength! Several different CPUs for the MXCS Family are available and can be chosen from. Form, Fit, and Function (FFF) of the MXCS solutions and the unmatched reliability are key arguments. Shock and vibration as well as extended temperatures complete the unique design to provide a real rugged and long-term available product.



All MPL products are designed for long-term availability and the MXCS Family will be available for at least 10 years. MPL's own component stock guarantees repair for up to 20 years. Extended temperature ranges can be fulfilled and are tested in MPL's own climatic chambers according to customer's request.

The MXCS Family is 100% engineered & manufactured by MPL AG in Switzerland and meets or exceeds the most common standards. Particular references are: EN 55022, EN 55024, EN 61000, MIL-STD-461E, EN 60068, EN 50155, MIL-STD-810G, EN 60601, EN 60950, CE, IEC 60945, IACS and E10.

For more specific information, please visit www.mpl.ch/t2063.html or contact MPL AG directly.

About the Company

MPL AG is located in Switzerland and was founded in 1985. Since the beginning, MPL stands for robust designs, long-term availability, low power consumption, and fanless concepts. The products are designed from scratch to succeed in extended temperature and meeting the high demands of rugged environments.

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