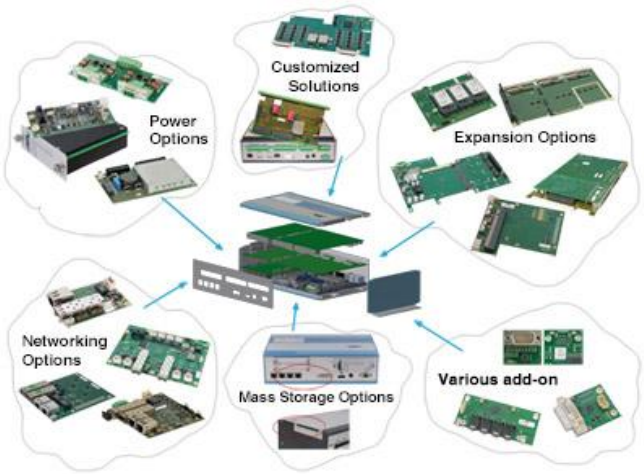
MPL AG Newsletter July 2017

Embedded Computer Expansion Options III

Valued reader,

In continuation of the last two Newsletter, we bring you this time the **Networking Options** closer.

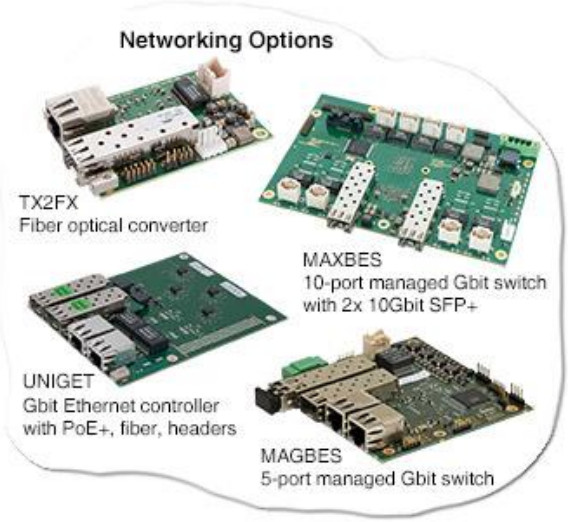


The base of MPL's Embedded Computers is the CPU board, which is currently available with low performance Intel CPUs up to i7 Quad Core. The base CPU board comes with standard connectors and a rugged aluminum housing with DIN-Rail or Flange mount. Optional available are also M12 or MIL 38999 connectors. With this base, any requirement can be fulfilled, even meeting standards like EN50155, IEC60945, and MIL-STD-810.

With our new LEGO concept, the base configuration of MPL's Embedded Systems can now be enhanced with the following expansion options:

Power Options: Standard input power range is 9-36 VDC with highly efficient on-board power circuitry.
Networking Options: Four LAN ports are integrated on the base board.
Mass Storage Options: Four SATA and one mSATA ports are integrated on the base board.
Internal Expansions Ports: The standard base board comes with 2 × mPCIe and 1 × PCI-104-Express ports.
Custom expansions: MPL's engineering department is providing a development service for special interfaces based on the on-board PCIe/PCI interface.

The Highlights of the Networking Options are:
The standard PIP already comes with Gigabit ports. But in various cases you need additional networking capabilities, such as a switch, fiber, PoE, ...Below a list of the current available options:



- **4 x 1Gbit Switch (MAGBES)**
- **8 x 1Gbit and 2 x 10Gbit Switch (MAXBES)**
- **4 x Gbit Ethernet controller with/without PoE (UNIGET)**
- **1 x Media converter or unmanaged Switch (TX2FX)**

If you miss a solution you need, talk to MPL AG.

Kind regards,
Your MPL team

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