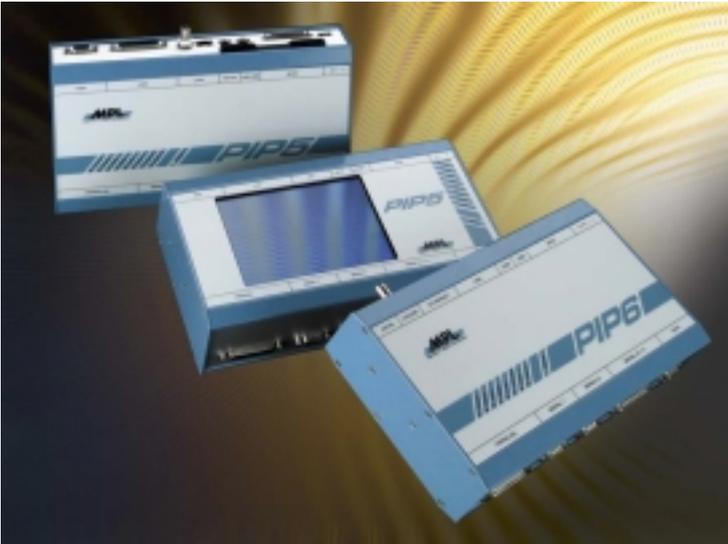


Dättwil, March 2001

PowerPC and Pentium III added to the unique Industrial PC Concept

MPL adds to its unique packaged Industrial PC Concept two new powerful models and a unique Remote MMI solution. The new models include a Pentium III solution and a PowerPC solution with a extreme low power consumption that allows to operate the system as all others without fan or ventilation holes.



The PIP product range is available with various version and different low power processor (5x86, Pentium MMX, Pentium III and PowerPC). The PIP Concept offers a full set of standard PC features and interfaces. Further more integrated are specialties like: four serial interfaces, two USB interfaces and all units come with an opto-isolated CAN bus. For service or monitoring reasons the units are equipped with a reset button and a series of indicator lights. The PIP products support CRT and LCD Monitors (XGA resolution). Optionally the PIP's can be ordered with on-board Ethernet and/or a SCSI-II interfaces.

Also available is unique remote MMI options for today's industrial needs. Another specialty of the PIP product range is the wide temperature range of 0°C to +60°C and optionally -40°C to

+75°C. Due to the design concept and components selection the PIP Concept requires no fan or ventilation holes in the housing.

The PIP products are built in a specially designed, EMC protected, robust aluminum housing. All required connectors are standard PC connectors and are available on the sides of the PIP's, all interfaces are ESD protected according the latest know-how. The PIP Concept includes on-board a power supply that operates with 8 - 28VDC. The compact & rugged housing (162 x 270 x 62mm, WxLxH) has enough space to incorporate a hard disk, Floppy or any PC/104 expansion. The systems can be ordered complete, semi finished or customer specific.

All these features and specialties, the real industrial design, the flexibility and expandability and last but not least the reasonable cost, make the products within the PIP Concept to the ideal solution for any industrial application where Industrial PC is needed.

For more information about the Unique Industrial PC Concept contact us via Fax, email or consult our Home Page (www.mpl.ch).

* The name PIP stands for a "compact, robust, low power, fanless, ready to use" Industrial PC with a long term availability guarantee that fits on a DIN Rail or a Wall and is ready for connection and operation. For the new design MPL used their over 15 years experience in building Motorola and Intel processor boards. The boards are used worldwide in applications of the Industry, Aviation, Medicine etc. The PIP product line incorporates fully the company philosophy of high quality, low power and extended temperature at reasonable cost. MPL is an ISO 9001 certified company.