

Dättwil, July 2001

## Mega Power in a box

MPL add to its PIP Concept a Pentium III solution. The new product, PIP7, is equipped with the low power Pentium III processor with 400MHz of the Intel embedded program.



The PIP7 offers next to a full set of standard PC features specialties like: 4 serial interfaces, 2 USB interfaces, opto-isolated CAN bus interface and as well as SXGA Graphic for CRT & LCD connection, Zoom Video Port to mention a few. Special is also the Multi Purpose Socket for Flash, EEPROM, SRAM, EEPROM. It can be used for backing up and/or storage data, use of a BIOS extension, implementation of a special program code.... The system can be equipped with standard SDRAM Modules as well as FLASH disks and /or hard disks. All interfaces (internally or externally) are available on standard connectors. For service or monitoring reasons the unit is equipped with a reset button and 8 indicator lights, of which 2 are user definable. Optionally is the PIP7 system available with on-board 10/100 Ethernet on a RJ45 and/or a SCSI-II interface. In the standard housing can also a 6.4" TFT display and touch a be

integrated.

Unique and handy is the remote MMI option for LCD and Touch connection over a distance of 15 Meters. Unique on this options is the availability of 2 x PS/2 ports each on a 6-pin mini-DIN connector, a RS232 as well as an USB interface next to the LCD. LVDS, PanelLink and Parallel interface are available too.

The PIP7 is available for a standard temperature range (0°C to +60°C) and optionally in extended temperature range of -40°C to +75°C without a fan or ventilation holes.

The PIP7 is built in a specially designed, EMC protected, robust aluminum housing. All connectors are available on the sides of the PIP, all interfaces are ESD protected according the latest know-how. The PIP7 can be operated with 8 - 28VDC. The compact housing (162 x 270 x 62mm, WxLxH) has enough space to incorporate a hard and/or Flash disk, Floppy or any PC/104 & PC104+ expansion.

Special efforts have been taken on the quality of the components and their long term availability and low power consumption of the system.

All these features and its reasonable cost, make the PIP7 the ideal solution for any application where a flexible, rugged long term available very powerful complete Industrial PC is needed. All PIP Concept products can be ordered according to the customer requirements and needs. Design-in units with all options included are available from Q2/01.

For more information about the Snap-On & Play Industrial PC with a Pentium III please contact us via Fax or email or consult our Home Page

\* 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.