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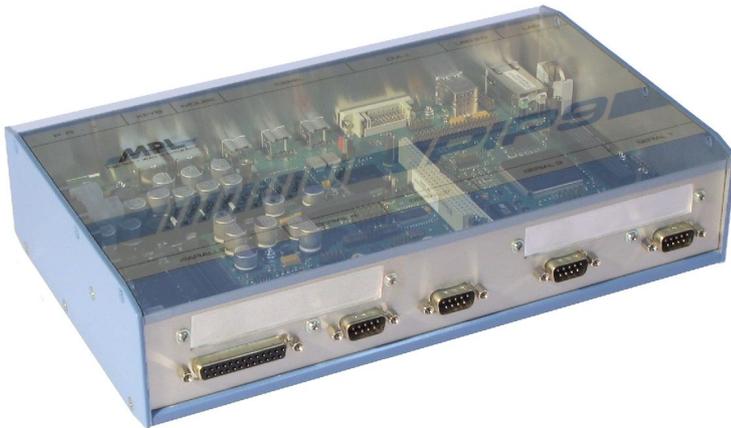Fax +41 56 493 30 20
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Press Release

Dättwil, June 2006

Long-term available Celeron-M Solution with ECC RAM & Gigabit Ethernet

MPL AG complements their well known Packaged Industrial PC line (5x86, Pentium MMX, Pentium III & Pentium M) with the ULV Celeron M Processor 1.0GHz (Dothan 373), which is a member of the Intel® Embedded Program (long-term availability). The Celeron M used in the PIP9 comes with 512kB L2 cache and is equipped with 512MB on-board soldered ECC RAM (DDR333) for best reliability.

The PIP9 is available as a complete but extremely flexible solution that basically fits any needs and requirements. The PIP can be expanded over PC/104, PC/104-Plus, PMC or even PCI slots. These expansions are built in a wide range of the PIP housing of your choice. They are internally chromium plated and externally powder coated for best EMI protection. The on-board interfaces can be accessed externally on standard connectors without any internal wiring. Of course, the PIP9 is RoHS compliant.

The PIP9 incorporates not only the known PC features like USB 2.0, Firewire, Gigabit Ethernet, 3D-Graphics..., but also industrial features like wide DC input power 8–28/48V, LPT, 4 serial ports (RS232/422/485), watchdog, and temperature sensors for board, power supply, CPU and memory. All is prepared that options like CAN , internal UPS with SmartBattery, or even RAID functionalities can easily be added and installed.

The environment temperature range of the PIP starts at 0°C to 60°C but the PIP9 is also available for the extended range of -40°C to +75°C.

The PIP9 is also available as Panel solution (12" up to 19" displays) with either stainless steel or aluminum IP65 housing (PANEL-PIP).

The board and housing has been designed from scratch for a rugged and quality depending industrial market and the 21 years engineering know-how of MPL are the ideal match for the new solution. The PIP9 is a must for applications where a reliable and/or rugged computer is needed. Typical applications for the PIP's are: in vehicles, on ships, on trains, in machines, but also in offices and warehouses as Web-Server, Data-Logger, or Controller.

The PIP9 is 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's requirements and needs. The PIP9 is currently supplied to customers.

For more information about the fanless 1GHz Celeron M or the PIP Concept please contact us via fax or email. Or visit our Home Page (www.mpl.ch).