



MICRO INDUSTRIES

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News Release

FOR IMMEDIATE RELEASE

MICRO INDUSTRIES ANNOUNCES FULL PRODUCTION UNITS OF ITS NEW CELERON BABY-AT MOTHERBOARD NOW AVAILABLE

686PCI/64M1 Provides Significant Upgrade Path for Systems Built Around a Baby-AT Format

“With the 686PCI/64M1, we are offering OEMs who have made significant investments in software, custom packaging, and unique peripheral I/O an opportunity to upgrade to newer technology for significant performance gains, without changing the architecture of their enclosures.”

Michael Curran
President and CEO
Micro Industries

Westerville, Ohio, June 8, 1999 — Micro Industries Corporation today announced that full production units of its new 686PCI/64M1, a Baby-AT Motherboard based on the new Intel® Celeron™ processor technology are now available. The board is designed as a high performance motherboard replacement product which will fit into a standard Baby-AT chassis. Micro Industries is an electronics manufacturing services (EMS) company that provides electronic engineering and manufacturing resources to OEMs.

The 686PCI/64M1 is designed for use by OEMs and existing Baby-AT motherboard users who have requirements for upgrades or continued Baby-AT motherboard support. It is based on the Celeron processor and BX chipset, the latest available processor and chipset technologies, which have the performance capabilities to handle the most demanding applications. It is also backward-compatible with older software and hardware, enabling existing users of Baby-AT computers to upgrade processor technology without losing their investment in their present system.

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“With the 686PCI/64M1, we are offering OEMs who have made significant investments in software, custom packaging, and unique peripheral I/O an opportunity to upgrade to newer technology for significant performance gains, without changing the architecture of their enclosures,” stated Michael Curran, president and CEO of Micro Industries. “With the speed and frequency of technology innovation and change, investing in customized systems can be risky for OEMs. The opportunity to retain an existing system with its customized features while upgrading to the latest Celeron technology

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represents a unique value proposition.”

686PCI/64M1 Features

- ◆ *Intel BX Chipset and Celeron Processor:* Support of Intel Celeron Socket-370 compatible processors up to 466MHz, up to 512MB DRAM, and AGP video offers OEMs the latest in speed, performance, and value.
- ◆ *Baby-AT Motherboard Architecture:* The Baby-AT format is backward-compatible with many systems currently in use, allowing those systems to be upgraded or enabling new systems to be developed using existing hardware.
- ◆ *Static RAM (optional):* The CPU board contains an optional 512KB of battery backed-up static RAM for increased performance.
- ◆ *Intel 82559 Ethernet Controller (optional):* Intel’s highly integrated 32-bit PCI LAN controller for 10 or 100MB per second fast Ethernet networks is the company’s leading solution for PCI LAN designs. It combines a small package design with low power expenditure to conserve energy.
- ◆ *Flexible Serial Port Configurations:* The 686PCI/64M1 supports two 16550 compatible serial ports, one RS-232 with a maximum of 115KB transfer rate, and one RS-485, RS-422, or RS-232 serial port.

Availability and Price

The 686PCI/64M1 is available immediately in the United States and Europe. Pricing for the base unit begins at \$350 (U.S.) in OEM quantities. Variations in pricing are based on configured options. Prices are subject to change without notice. Products can be ordered by calling Micro Industries’ Customer Service Department at 800-722-1842. A complete listing of product features is included in the attached table. For more information, visit www.microindustries.com.

About Micro Industries

Micro Industries Corporation, founded in 1978, is an electronics manufacturing services (EMS) company that provides electronic engineering and manufacturing resources to OEMs. Micro Industries helps customers translate their product requirements into low-cost standard, custom, and semi-custom product solutions for embedded and integrated computer systems. The 52,000 square foot facility in Westerville, Ohio serves as corporate headquarters, and houses an EPA Zero Discharge manufacturing facility that meets both ISO 9001-94 and ISO 14001 standards. The manufacturing facility has fully automated conventional and surface mount assembly lines for both prototype and production

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requirements. Micro Industries employs a dedicated staff of engineers focused on product design. For more information visit www.microindustries.com.

Note: Micro Industries is a registered trademark of Micro Industries Corporation. Intel is a registered trademark of Intel Corporation. Celeron is a trademark of Intel Corporation. All other legal marks are property of their respective owners.

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Micro Industries Corporation
Complete Listing of Product Features
686PCI/64M1

- **CPU:** Intel® Celeron™
- **CPU Speed:** 300-466MHz
- **Chipset:** Intel® 82443 BX
66MHz or 100MHz FSB
AGP
- **Peripheral Controller:** 82371EB (PIIX4E)
Enhanced IDE, 4 drives supported
Two USB ports
Advanced power management
System management bus (SMBus)
- **Memory:** 16MB-512MB SDRAM
- **FLASH BIOS:** 256KB
- **Optional Static RAM:** 512KB battery backed-up static RAM
- **Super I/O Controller:** SMC FDC37C932FR
Floppy disk drive interface (5 1/4" / 3 1/2" high/low density)
PS/2 keyboard and mouse interface
One RS-232 serial port
One RS-485, RS-422 or RS-232 jumper-configurable serial port
One parallel port (LPT1) standard, bi-directional, ECP (IEEE 1284)
IrDA interface
- **Optional Ethernet Controller:** Intel 82559 10/100Mbit Ethernet controller
10/100 Base-T interface
- **Additional Features:**
Real-time clock with battery backup
APC (Advanced Power supply Control)
Enhanced power management
- **Bus Interfaces:**
ISA - ISA (IEEE P996)
PCI - PCI Rev. 2.1

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