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Find the *Megatel Computer PC/II+75CE6* at our website: *Click HERE*

PC/II+ Single-board 4"x4" Computer



Note: This product will eventually be replaced with the new PC/II+dxe.

The **PC/II+** is a high-integration 4x4Family embedded single-board microcomputer. This board contains a complete IBM® PC compatible CPU with on-board video and disk controllers, peripheral controllers, networking capability, low power consumption and a small rugged design for embedded control.

The PC/II+ incorporates the Intel 386 SL Chip Set with full 32-bit DRAM Data Bus. This high performance CPU executes the 486 instruction set with floating point and all operating systems designed for this set.

PC/104 connectivity is also available for this board with the addition of the QTB/104 break-out board, enabling design engineers to "stack" other PC/104 cards onto their system.

PC/II+ Photographic Image (JPG,65k)

Selection Guides

PC/II+ Features

CPU & MEMORY	INPUT / OUTPUT
• Intel 386 SL CPU at 25MHz clock frequency • Runs the 386 instruction set • 386 SX compatibility and performance • AT compatible BIOS and architecture • Up to 256 KB BIOS in Flash EPROM • Up to 10 MB User DRAM • Up to 2 MB Programmable Flash configured with adapter as a hard disk • ISA or PC/104 Bus Compatible (with adapter)	• On-board 16-bit PC Bus expansion • AT Real-time clock with battery backup • 2 IBM compatible RS-232C Serial Ports • 1 additional PC compatible BIOS, RS-232C serial port • 8-bit general purpose Parallel I/O port, IEEE 1284 compatible • Standard IBM PC AT Keyboard Port • Voltage converter for Serial +/- voltage • Independent software select BAUD rates • M-Systems Flash File System
VIDEO INTERFACE	**SCSI HARD DISK**

- Super VGA/LCD controller
- Supports color LCD panels
- Supports Analog VGA monitors

- 53C80 SCSI interface
- Standard IBM PC AT Hard Disk BIOS via SCSI port (INT 13)
- Complete interface for SCSI hard drives
- Supports CD ROM's, audio devices and optical storage for multimedia

ETHERNET

- On-board Ethernet LAN (Local Area Network)
- Automatic or manual switching between TPE and AUI ports
- 16-bit I/O accesses local DRAM with zero added wait-states

FLOPPY

- CMOS Floppy Disk Controller
- Will support up to two drives
- 360 KB, 720 KB, 1.2 MB, 1.44 MB
- Will boot standard versions of PC, MS or DR DOS®

MISCELLANEOUS

- Only 100 x 100 mm (4" x 4")
- Requires only +5v operation
- Power consumption of 5 watts (typical with all options installed)
- Surface Mount Technology
- Operating/storage temperature range 0C - +70C
- MTBF: Not less than 200,000 hours

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