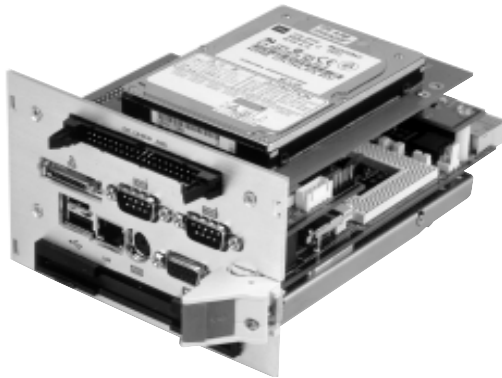


# MAXI 3600

3U CompactPCI® Socket 370 Intel®  
Celeron® / Pentium® III CPU Board w / VGA / LAN



## Features

- ◆ Intel® Pentium® III / Celeron® processor up to 850MHz with 66 /100MHz FSB
- ◆ Max. 384MB SDRAM memory in 2 SO-DIMM slots
- ◆ Intel® 440BX Chipset
- ◆ Installed one slim-size FDD and 2.5" HDD
- ◆ Hot Swap support
- ◆ 3U CompactPCI board, 4 - slot width

## Specifications

### System Architecture

- ◆ Intel® Celeron®/Pentium®III with 66/100 FSB CompactPCI® board connector
- ◆ PICMG 2.0 R2.1 compliant
- ◆ PICMG 2.1 R1.0 compliant

### CPU Support

- ◆ Intel® Celeron®/Pentium® III processor up to 850MHz with 128/256K cache on-die
- ◆ Socket 370 running at 66/100 MHz FSB
- ◆ Support streaming SIMD instruction

### Main Memory

- ◆ Support SDRAM up to 384MB (Max.)
- ◆ 144-pin SO-DIMM socket x2

### BIOS

- ◆ Award System BIOS
- ◆ Plug & Play support
- ◆ Advanced Power Management support
- ◆ Advanced configuration & Power Interface support
- ◆ 2M bits flash ROM

### Chipset

- ◆ Intel® 82440BX Chipset
- ◆ 66/100MHz FSB support PCI V2.1 compliant
- ◆ Optimized SDRAM support

### On-board VGA

- ◆ C&T 69000 AGP mode VGA controller
- ◆ 2MB SDRAM on die
- ◆ Maximum Res. Color & Refresh Rate
- ◆ Drivers support: Windows® 95 / 98 / 2000, Windows® NT4.0
- ◆ 15-pin CRT connector x1

Resolution	Color	RefreshRate(Hz)
1280X1024	256	60
1024X768	16bit(High color)	80.75.60
800X600	24dit(True color)	80.75.60

### On-board LAN

- ◆ Intel® 82559 single chip Ethernet controller
- ◆ 10 Base T/100 Base TX support, full duplex
- ◆ Compliant with PCI V2.1, IEEE802.3, IEEE 802.3U
- ◆ Drivers support : DOS/Windows®, Windows®95 / 98 / 2000, Windows®NT4.0, Netware, SCO Open Server 5.0
- ◆ RJ45 connector x1

### I/O controller

- ◆ Winbond W83977 Super I/O Chipset
- ◆ Serial port(two 16C550 UARTs), 9-pin
- ◆ D-type x2, optional RS422/485 x 1
- ◆ Parallel port : Bi-directional, EPP/ECP support, 26-pin micro connector x 1
- ◆ Floppy Disk controller : 3.5" 720K/1.2MB/ 1.44MB/2.88MB support, 34-pin header x 1, 26 pin FFC connector x 2
- ◆ Enhanced IDE x1 : PIO mode 4, DMA master mode 2, Ultra DMA/33 support, 44-pin header x 1
- ◆ Keyboard / mouse controller
- ◆ USB port x 2
- ◆ On-board buzzer x 1
- ◆ On-board 4-pin header for speaker, 5-pin header for keylock
- ◆ On-board 2-pin header for I<sup>2</sup>C

### On-board RTC

- ◆ High precision real time clock / calendar with battery back up

### Solid State Disk

- ◆ On-board reserved socket for DOC of M-systems : 2MB~144MB...etc

### System Monitor

- ◆ Winbond W83782D system monitor controller



- ◆ Five voltage ( For +3.3V, +5V, +12V, Vtt and Vcore )
- ◆ One Fan speed ( For CPU )
- ◆ One temperature
- ◆ Drivers support : Windows® 95 / 98 / 2000, Windows® NT4.0

#### Watchdog Timer

- ◆ 1,2,4...64 seconds time-out intervals

#### Front panel connectors

- ◆ USB port x 2
- ◆ Mini DIN PS / 2 mouse / Keyboard x 1
- ◆ VGA : 15-pin, D-type x 1
- ◆ SIO : 9-pin, D-type x 2
- ◆ PIO : 26-pin micro connector x 1
- ◆ LAN : RJ45 x 1

#### CompactPCI connectors

- ◆ J1/J2 for PCI bus

#### Dimensions

- ◆ 160 mm (L) x 100 mm (W) 6.3"(L) x 3.9"(W) ( Main Board PCB Size )
- ◆ Standard **CompactPCI**® 3U Card with Maximum 4 slots width

#### Power Requirements

- ◆ +3.3V : 4A (Max.)
- ◆ +5V : 12A (Max.)
- ◆ +12V : 600mA (Max.)

#### Environments

- ◆ Operating temperatures: 0°C to 60°C.
- ◆ Storage temperatures: -20°C to 80°C
- ◆ Relative humidity: 10% to 90% (Non-condensing)

#### Certification

- ◆ CE
- ◆ FCC

---

## Ordering Information

- ◆ **MAXI 3600-IDE3**     3U Socket 370 Board with Celeron® / Pentium® III  
**CompactPCI**® on-board VGA/LAN

