

CompactPCI Series

MAXI 3600

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



Features

- ◆ Intel Celeron/Pentium III CPU with 66/100MHz FSB up to 850MHz
- ◆ 256MB SDRAM (Max.) memory support, SO-DIMM x 2
- ◆ Intel 440BX AGP set
- ◆ C&T 69000 AGP mode VGA controller with CRT support
- ◆ Intel 82559 10/100 Base Ethernet controller
- ◆ On board socket for DiskOnChip up to 144MB
- ◆ Hot swap support

MAXI 3600

Specifications

System Architecture

- 3U Eurocard with J1 and J2 CompactPCI connector
- PICMG 2.0 R2.1 compliant
- PICMG 2.1 R1.0 Hot Swap compliant

CPU Support

- Intel Celeron/Pentium III CPU with 128/256K cache on die
- Brand New Socket 370 FC-PGA CPU running at 66/100MHz FSB up to 850MHz
- Support streaming SIMD instruction

Main Memory

- Support SDRAM up to 256MB (Max.)
- 144 pin SO-DIMM socket x 2

BIOS

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

Chip Set

- Intel 82440BX AGP set
- 66/100MHz FSB support
- PCI V2.1 complied
- Optimized SDRAM support

On Board VGA

- C&T 69000 AGP mode VGA controller
- 2MB SDRAM on die
- Maximum Res. Color & Refresh Rate

Resolution	Colors	Refresh Rate (Hz)
1280x1024	256	60
1024x768	16bits (High color)	85, 75, 60
800x600	24bits (True color)	85, 75, 60

- Drivers support: Windows 95/98, Windows NT4.0
- 15 pin CRT connector x 1

On Board LAN

- Intel 82559 Single Ethernet controller
- 10 Base T/100 Base TX support, full duplex
- Complies with PCI V2.1, IEEE802.3, IEEE 802.3U
- Backward compatible with former 82558 Ethernet controller base net modules
- Drivers support: DOS/Windows, Windows 95/98, Windows NT4.0, Netware, SCO Open Server 5.0
- RJ45 connector x 1

On Board I/O

- Winbond W83977 Super I/O on board
- SIO x 2, with 2 x 16C550 UARTs, 9 pin D-type x 2, optional RS422/485 x 1
- PIO x 1, Bi-directional, EPP/ECP support, 26 pin x 1
- Floppy Disk controller: 5.25" 360K/1.2MB, 3.5" 720K/1.2MB /1.44MB/2.88MB support, 34 pin connector x 1, 26 pin FFC connector x 2

- On chip enhanced IDE x 1, PIO up to mode 4, DMA master up to mode 2, Ultra DMA/33 support, 44 pin x 1, total 2 E. IDE Devices support
- On chip keyboard, mouse controller, PS/2 Keyboard, 5 pin header x 1, share with PS/2 mouse by Y cable
- On board USB port x 2 (6 pin header x 1)
- On board buzzer x 1
- reset function
- On board 2 pin header for I²C, 4 pin for speaker, 5 pin for keylock

On Board RTC

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

On Board Solid State Disk Socket

- 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, Windows NT4.0

Watchdog Timer

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

Connectors on the front panel

- USB port x 2
- Mini DIN PS/2 mouse/ Keyboard x 1
- 15 pin D-type VGA connector x 1
- 9 pin SIO x 2, 26 pin PIO x 1 (mini printer connector)
- RJ45 connector x 1

Dimensions

- 160mm(L) x 100mm(W)

Power Requirements

- +3.3: 4A (Max.)
- +5: 10A (Max.)
- +12: 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 approval
- FCC Class A

Model Available

MAXI 3600-60-64-433

- MAXI 3600 CPU Board w/Celeron433/64MB SDRAM/6GB HDD/FDD/VGA/LAN

MAXI 3600-60-128-433

- MAXI 3600 CPU Board w/Celeron433/128MB SDRAM/6GB HDD/FDD/VGA/LAN

MAXI 3600-60-128-600

- MAXI 3600 CPU Board w/pentiumIII600/128MB SDRAM/ 6GB HDD/FDD/VGA/LAN

MAXI 3600-60-256-600

- MAXI 3600 CPU Board w/PentimIII600/256MB SDRAM/ 6GB