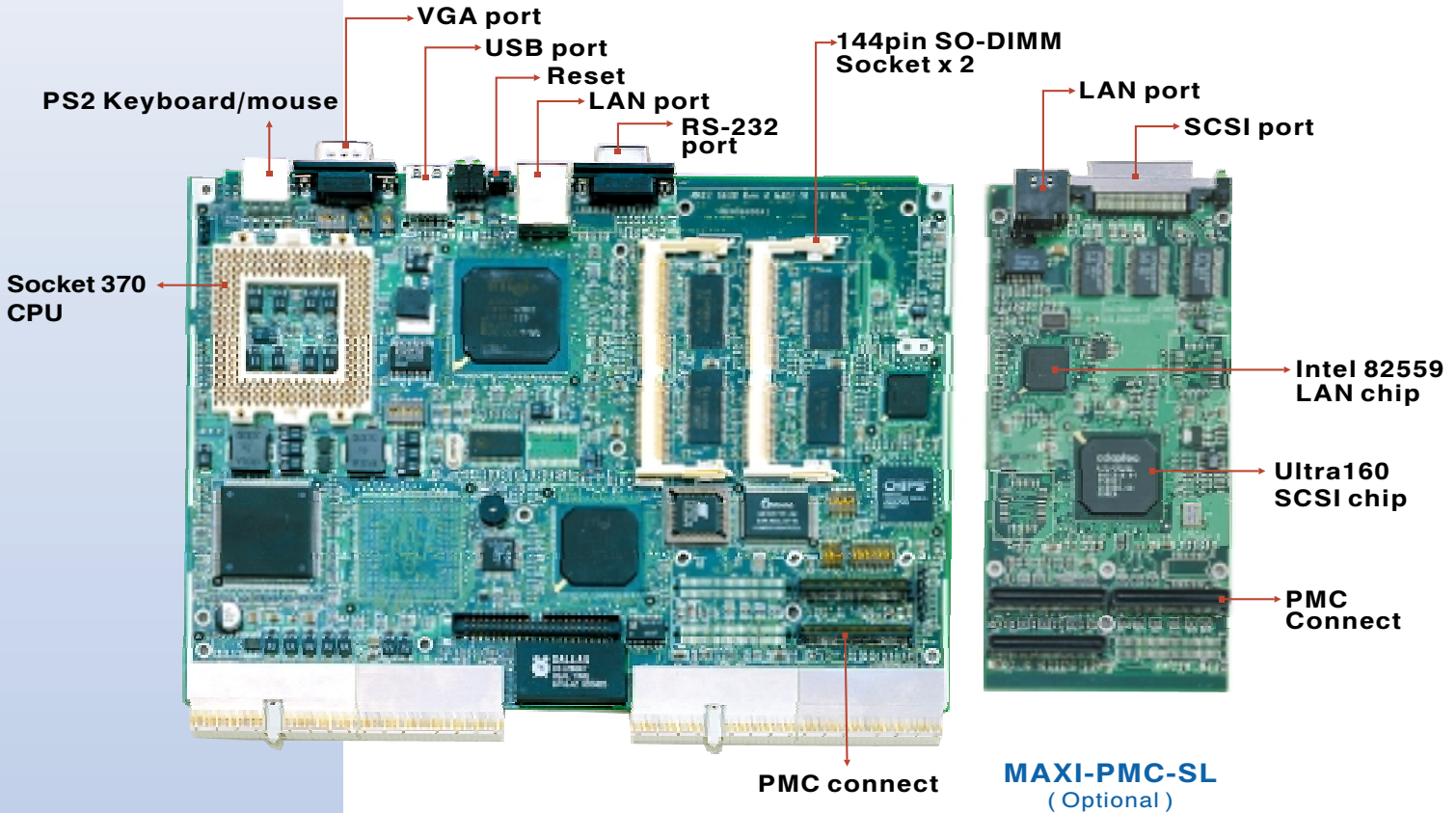


MAXI 6600

6U CompactPCI Celeron / Pentium III CPU Card w / VGA / LAN



Features

- ◆ Intel Celeron /Pentium III CPU with 66 /100MHz FSB up to 850 MHz
- ◆ 1GB SDRAM (Max.) memory support, SO-DIMM x 4
(1 slots support 512KB, 2 slots support 1GB)
- ◆ Intel 440BX AGP set
- ◆ C&T 69000 PCI mode VGA controller with CRT support
- ◆ Intel 82559 10/100 Base Ethernet controller x 1
- ◆ Support Hot Swap



<http://www.nexcom.com>



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MAXI 6600

Specifications

System Architecture

- 6U CompactPCI CPU board
- Intel Celeron/ Pentium III with 66/100 MHz FSB
- PCI V2.1 complied
- PICMG 2.0 R2.1 complied
- PICMG 2.1 R1.0 Hot Swap complied

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 850 MHz
- Support streaming SIMD instruction
- On board intelligent switching type power regulator x 1

Main Memory

- Support SDRAM up to 1GB (Max.)
- 144 pin SO-DIMM socket x 4 (2 on the front side, 2 on the rear side)
- ECC support (single bit error correction/Multiple bit errors reporting)

BIOS

- Award System BIOS
- Plug & Play support
- Advanced Power Management support
- Advanced configuration & Power Interface support
- 4M bit flash ROM
- Hot swap support

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
- TFT LCD/DSTN LCD/CRT control
- 2MB SDRAM on die
- Maximum Res. Color & Refresh Rate

Resolution	Colors	Refresh Rate (Hz)
1280 x 1024	256	60
1024 x 768	16bits (High color)	85, 75, 65
800 x 600	24bits (True color)	85, 75, 65

- Driver support : Windows 95/98, Windows NT4.0
- 15 pin CRT connector x 1 (Front I/O)

On Board LAN

- Intel 82559 Single Ethernet controller x 1
- 10 Base T/100 Base TX support, full duplex
- Complied with PCI V2.1, IEEE802.3, IEEE 802.3U
- Driver 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 1 x RS422/485 options, 9 pin D-type x 2 (Front I/O x 1 & Rear I/O x 2)
- PIO x 1, Bi-directional, EPP/ECP support, 26 pin connector x 1 (Rear I/O only)
- Floppy disk controller : 5.25" 360K/1.2MB, 3.5" 720K/1.2MB/1.44MB/2.88MB support
- On chip enhanced IDE x 1 : PIO up to mode 4, DMA master up to mode

2, Ultra DMA /33 support, 40 pin x 1 (Rear I/O), Total 2 IDE Devices support

- On chip keyboard, mouse controller, 6 pin mini DIN x 1 for both PS/2 mouse and keyboard (Front I/O & Rear I/O)
- On board USB port connector x 1 (Front I/O), USB port connector x 2 (Rear I/O)
- On board buzzer x 1
- Support IDE6 of MAXI6560.

On Board PMC Connector

- Support PMC Module with SCSI and LAN

On Board RTC

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

On Board Disk on Module Socket

- On board reserved socket for IDE interface Disk on module

System Monitor

- Winbond W83782D system monitor controller
- Six voltage (For +3.3V, +5V, +12V, -12V, Vtt and Vcore)
- One Fan speed (For CPU)
- One temperature
- Drivers support: Windows 95/98, Windows NT4.0

Watchdog Timer(software)

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

Watchdog Timer(hardware)

- 1,6 seconds time-out intervals

Dimensions

- 233.35mm(L) x 160mm(W)

Power Requirements

- +5V : 6A (Max.)
- +3.3V : 5A
- +12V: 500mA (Max.)
- -12V: 500mA (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 6600F

- 6U Socket 370 Celeron/Pentium III CompactPCI CPU Board w/ VGA/ single LAN (for Front I/O)

MAXI 6600R

- 6U Socket 370 Celeron/Pentium III CompactPCI CPU Board w/ VGA/ single LAN (support rear I/O MAXI 610 series)

MAXI 6600R-2

- 6U Socket 370 Celeron/Pentium III CompactPCI CPU Board w/ VGA/ single LAN, SDRAM support 1GB (support rear I/O MAXI 610 series)