M815A

Industrial ATX Board for Pentium® !!! Processor

Game & Audio Port	Printer & COM Port
2 x PCI Slots	Keyboard & Mouse
1 x AGP Pro Slot	USB1 & USB2
4 x ISA Slots	Socket 370
IDE Connector	Intel® 815EP
Floppy Connector	168-Pin DIMM
	DOC Socket
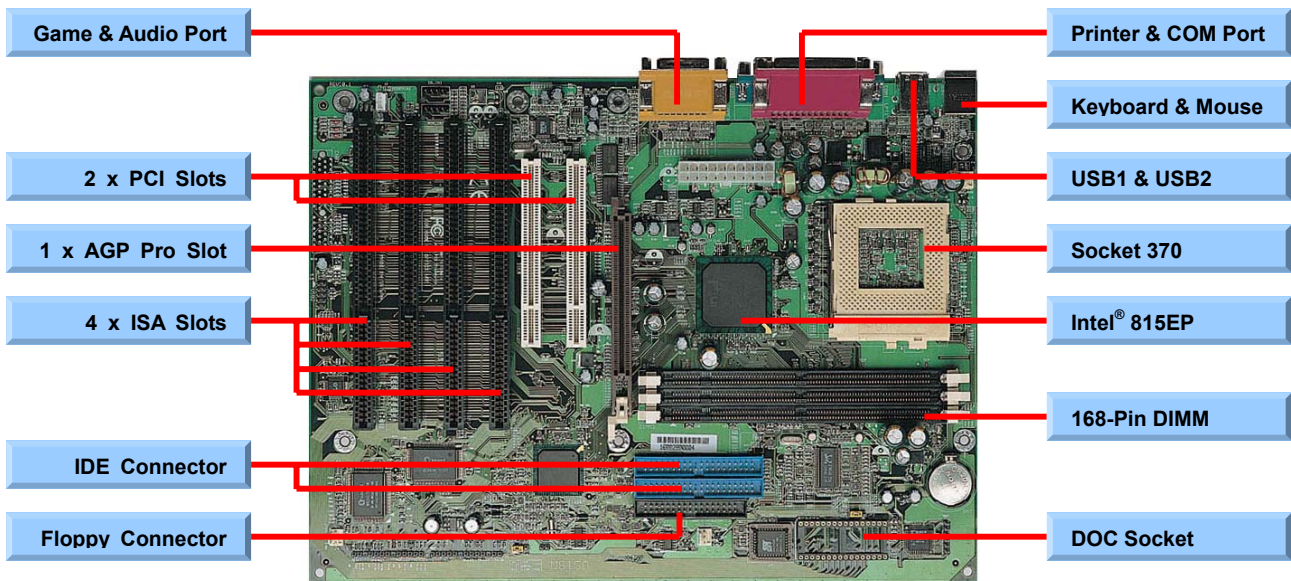
Specifications:

◆ **Processor:**
- Intel® Celeron™ Processor with PPGA/FCPGA socket 370 packing: operating at 433 ~ 1.1GHz
- Intel® Pentium® !!! /Coppermine™ Processor with FC-PGA socket 370 packing: operating at 500MHz ~ 1.1GHz

◆ **Core Logic:**
- Intel® 82815EP AGPset

◆ **BIOS:**
- Award BIOS

◆ **FSB:**
- 66 / 100 / 133 MHz

◆ **Memory:**
- Three 168-pins DIMM sockets, support up to 512MB

◆ **IDE:**
- PIO Mode 0-4, DMA Mode 0-2 and two channels for Ultra DMA-100 up to 4 IDE devices

◆ **Multi I/O:**
Onboard Winbond 83627HF-AW LPC chip, Support:
- 1x Floppy Interface
- 1 x SPP / EPP / ECP parallel port
- 2 x 16550 UART compatible serial ports
- Fast IR and Power-On

◆ **Keyboard Connector:**
- Onboard 1 x 6-pins mini DIN (PS/2 type connector)

◆ **Mouse Connector:**
- Onboard 1 x 6-pins mini DIN (PS/2 type connector)

*Specification is subject to change without prior notice

◆ **USB:**
- 4 x USB ports (2 for Opt.)

◆ **Built-in AC97 Digital Audio:**
- Dual full-duplex Direct Sound channels
- H/W Sound Blaster Pro for DOS legacy compatibility
- FM synthesis for legacy compatibility
- Support game and MIDI port

◆ **SSD:**
- 32-pins socket for flash disk 2MB ~ 288MB

◆ **Expansion Slots:**
- 2 x PCI slots (one shared) / 4 x ISA slots / 1 x AGP slot

◆ **WatchDog Timer:**
- 16 level software programmable

◆ **Hardware Monitoring:**
- Winbond W83627HF-AW chip, Monitoring for CPU and system temperature, voltage and fan speed

◆ **Environments:**
- Operation temperature: 0°C to 60°C,
- Storage temperature: -20°C to 80°C,
- Relative humidity: 10% to 90% (Non-Condensing)

◆ **Certification:**
- CE Approval, FCC Class A

◆ **Form Factor:**
- ATX form factor

◆ **Dimensions (D x W):**
- 9.1" x 12" (230mm x 305mm)

Ordering Information:

Model No.	Position	Support LCD	Support VGA	Support SCSI	Support LAN	Support RAID
① M815A	Standard Product					