READ ME FIRST

UNPACKING AND SAFETY PRECAUTIONS

Static Electricity

Since static electricity can cause damage to electronic devices, the following precautions should be taken:

1. Keep the board in its anti-static package, until you are ready to install it.
2. Always touch a grounded surface or wear a grounding wrist strap before removing the board from its package; this will discharge any static electricity that may have built up in your body.
3. Handle the board by the edges.

Storage Environment

Electronic boards are sensitive devices. Do not handle or store devices near strong electrostatic, electromagnetic, magnetic or radioactive fields.

Power Supply

Before any installation or setup, ensure that the board is unplugged from power sources or subsystems.

Unpacking

Follow these recommendations while unpacking:

1. After opening the box, save it as well as the packing material for possible future shipment.
2. Remove the board from its anti-static wrapping and place it on a grounded surface.
3. Inspect the board for damage. If there is any damage or missing items, notify Kontron immediately.

When unpacking you will find:

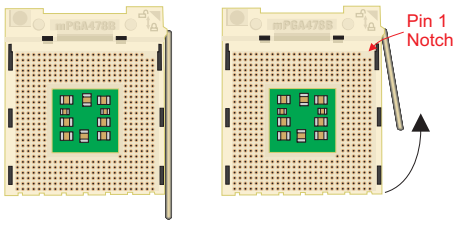
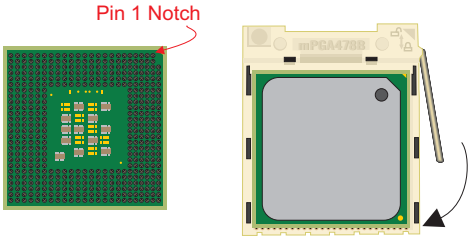
1. One ePCI-201 SBC.
2. One CD-ROM containing drivers *
3. One heat sink.
4. One Quick Reference sheet.
5. Cables listed on the order.
6. One mezzanine with two USB connectors, one RCA connector and one video (DB15) connector.



Note:
For latest Technical Reference Manual, Quick Reference Sheet, drivers, BIOS and other documentation, please consult our web site at: http://www.kontron.com or our FTP site at: ftp://ftp.kontron.ca/Support

* Note that the Ethernet driver for the 82541ER available on the CD 4.1 is not working properly. To download the new version, please visit www.kontron.com or ftp.kontron.ca/support/

CPU and Heatsink Installation

	Raise the Socket Actuation Lever up to 90°. Locate the Pin 1 Notch.
	Locate the Pin 1 Notch on the CPU. Install the CPU onto Socket (match the pin 1 of CPU with Pin 1 of Socket. Lower the Socket Actuation Lever.
	Remove the protective cover under the heatsink. Install the CPU Heatsink onto the CPU and clip it to the retention module.
	Activate simultaneously the clips levers in order to secure the heat sink. Caution : You must apply pressure equally on both side of the heatsink when you fasten the side brackets.
	Connect the CPU Fan cable to the CPU fan connector (J21) located near the Memory Sockets.

IMPORTANT

1. **Once the CPU is installed you must handle the board carefully and hold it on the heatsink side.**

2. **The CPU Power cable must be installed on connector J22.**
   If not installed, the board will not start. This 4 wires cable comes from P4 ready power supply or from the Backplane.