

***FASTforward*[®] SYSTEM REQUIREMENTS FOR LICENSEE-PROVIDED EQUIPMENT**

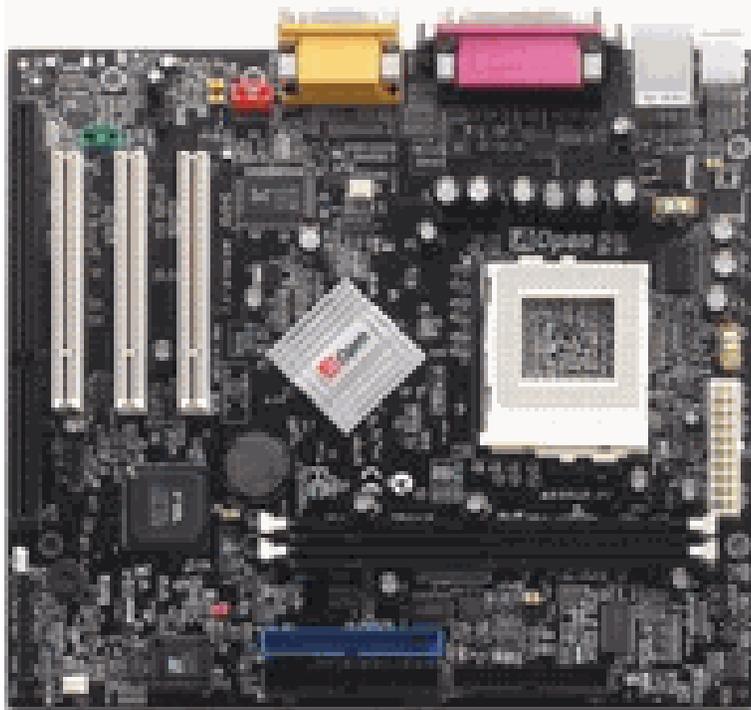
Disclaimer: The USPS[®] accepts no responsibilities for any hardware or data issues encountered as a result of using a Licensee-Provided System. The USPS will not provide any technical support for Licensee-Provided Systems. The hardware and software requirements provided in this document have been internally tested by the USPS to support the current *FASTforward* software configurations that will be provided to all licensees electing to build their own systems. Any deviation from these requirements may result in an unsuccessful installation of the *FASTforward* software. However, should the licensee successfully test other compatible hardware while adhering to all the policies outlined in the *FASTforward* Licensee Performance Requirement document, the *FASTforward* License Agreement and meet all *FASTforward* certification requirements, licensee can then use said hardware with any Licensee-Provided system.

Note: All Licensees-Provided systems must adhere to all *FASTforward* policies outlined in (1) *FASTforward* License Performance Requirement document (2) the *FASTforward* License Agreement (3) meet all *FASTforward* certification requirements prior to processing mail for the purpose of meeting the Move Update Requirement in order to qualify for USPS discounted pricing.

FASTforward® SYSTEM REQUIREMENTS FOR LICENSEE-PROVIDED EQUIPMENT

OPTION 1: MOTHERBOARD

AOPEN MX36LE-UI SOCKET 370 ATX MOTHERBOARD with INTEL Pentium III 1 GHz Processor



This is a new motherboard that has been successfully tested with the FASTforward software configuration.

Model: MX36LE-UI

Form Factor:	Micro ATX
Memory Slots:	DIMM x 2
Chipsets:	VIA Apollo PLE133T chipset
Spec:	133
Max:	150
On Board Sound:	Realtek AC'97 CODEC on board
On Board VGA:	Integrated 2D/3D Graphic Engine
Battery:	3V Lithium Battery
Green Function:	Yes
BIOS:	Award Plug and Play 2Mb Flash ROM BIOS
Board Size:	244mm x 218mm, Micro ATX Form Factor
Other:	<ul style="list-style-type: none">• CPU Bus Clock• Tualatin CPU support / LAN on

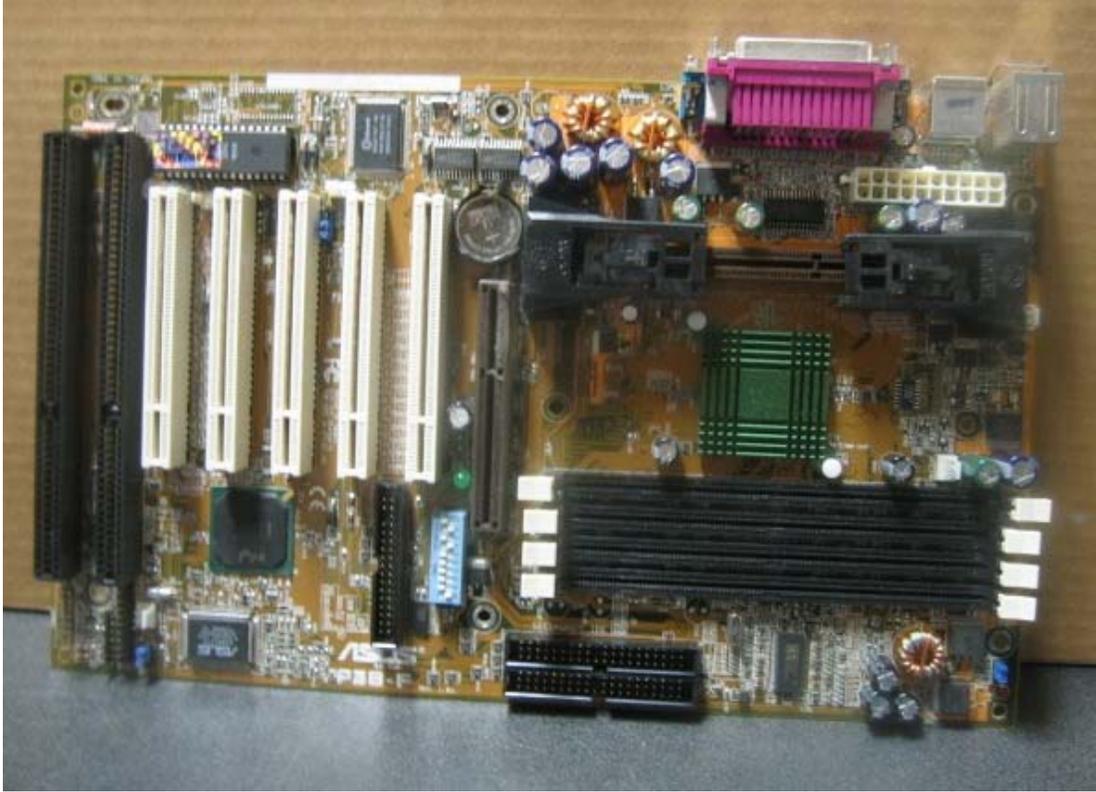
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	<p>board / AC'97 Audio /</p> <ul style="list-style-type: none">• PC-100-/133 DIMM Socket x2• Supports up to 1.0GB• Intel Pentium III• Socket 370• Heat Sink and Fan• Realtek LAN Controller on board• 3*PCI slots + 1*ISA slot• 1 Serial Port (UART 16C550 Support)• 1 VGA Port• 1 Parallel Port (SPP/EPP/ECP Support)• 2 Channel E-IDE (Mode 4 and Bus master Ultra DMA 33/66/100 Support)• 1 Floppy Drive Connector (1.2/1.44/2.88MB)• 2 Universal Serial Bus Ports• 1 PS/2 Mouse Port• 1 PS/2 Keyboard Port• MODEM_CN, CD_IN, AUX_IN, IrDA, CPU Fan, FAN2, SPDIF(Manufacturer Upgrade Optional), FRONT AUDIO, Wake-On-LAN/Keyboard/Mouse, COM2, Additional 2• On Board I/O• USB Ports (via Optional cable)
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OPTION 2: MOTHERBOARD

- **ASUS P38-F ATX Motherboard**



Features Highlights:

- Jumper Free™ BIOS
- Dual Jumper™ & Jumper Technology Motherboard
- Suspend-to-RAM Ready
- Max. 4 DIMMS for 1GB PC 100 SDRAM
- Max. 6PCI Bus Masters
- 6P11 /6P / 5P21 (Depending on Territory)
- CPU Speed / Vcore / CPU-SDRAM-PCI Ratio Adjustable
- Multiple Wake-Up & Boot-Up Devices Support

This motherboard may not be readily available.

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OPTION 3: MOTHERBOARD

EP-3VWB+ EPOX Motherboard

This motherboard requires the following:

- 1. AT Case or ATX Case**
- 2. Serial Mouse**
- 3. AT Keyboard**



Features:

- Intel Celeron Processor with PPGA / FC-PGA socket 370 packing, operating at 433~800MHz
- Intel Pentium III / Coppermine Processors with FC-PGA socket 370 packing, operating at 500MHz ~1GHz
- Chipset – VIA Promedia 8601A AGP set (VT8601A + 686A or VT8601A+686B)
- 168pin DIMM x 2 for PC133 Memory
- DRAM Size: 32MB to 1GMB
- PCI x4
- ISA x 1 (Shared)
- AMR slot x 1
- On-Chip Multi I/O integrated with K/, mouse FDD, Parallel and Serial, Fast IR and Power-ON controllers
- PCI Bus IDE Port with PIO / Ultra DMA-66/100 x2 (Up to 4 Devices),
- PS/2 Mouse and AT style Keyboard
- Award Plug & Play BIOS
- 220mm x 235mm Baby AT Size

Currently used with USPS *FASTforward* 1 GHz system

This motherboard may not be readily available.

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OPTION 4: MOTHERBOARD

Dell 6450 PII/MT system motherboard for precision workstation #00057110



- Dual Slot 1
- 1 - AGP
- 5 - PCI (1-RAID)
- 1 - ISA
- Sound, NIC, USB(2), P/S2(2) - On board
- 2 - 9 Pin Serial ports
- 1 - Printer port
- 1 - SCSI Port
- 4 - PC100 RAM Slots

Must use Dell proprietary hardware, i.e. CPU case, video card, memory etc.

Standard Computer Case:

- **Rosewill R363-M-BK Micro Black Ultra High Gloss Finished ATX Computer Case with 400W ATX 2.2 12V Power Supply with a 20 pin connector.**

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SCSI PCI Card:

- **Symbios Logic Technology SCSI PCI Card (53C825)**
 - USPS will provide the SCSI card in a limited number of circumstances, see “SCSI Card Allocation” document for details
 - Ultra wide SCSI 2 with a minimum data transfer rate of 20MB/sec
 - 32-bit PCI bus
 - 68-pin external connector
 - Must support OS/2 operating system
 - **Must contain a Symbios Logic Chip model # 53C825**
 - **This card is used for connecting the MLOCR to FASTforward[®] computer**

Adaptec SCSI Card: (disk controller)

- **Adaptec – AHA-2940UW ULTRA SCSI Card**
 - **This hardware is only used with the SCSI 68pin Hard Drive.**

Hard Drive:

- **4.5GB SCSI 68 pin Hard Drive or 4.1 GB IDE Hard Drive**
 - 4.5GB is ideal for OS/2 installation.
 - The Hard Drive must be either a SCSI 68pin or a IDE drive
 - The 4.1 GB IDE HD can be cloned to higher capacity Hard Drives
- **6 GB or higher IDE Hard Drive**
 - These Hard Drives can only use the eComStation 1.2R (OS/2 Warp 4.52 version)

Floppy Drive:

- **1.44MB Internal Floppy Disk Drive**

CD-ROM:

- **CD-ROM - 56X Read, ATAPI, Internal, CD-R, CD-ROM, CD-RW**

Modem:

- **USRobotics 56K* V.92 Internal Fax Modem with ISA interface and jumpers.**

SCSI Cable:

- **Ultra SCSI/LVD HPDB68 (Micro D68) Male to Male**

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- This cable is needed to connect the *FASTforward* box to the MLOCR.

Operating System:

- **IBM OS/2 Warp Version 4 (mfg part # 84h1426)**
 - Only tested with the 4.1 IDE and 4.5 SCSI Hard Drives
- **eComStation 1.2R (part number 506702)**
 - This is an OEM version of OS/2 Warp 4.52 Convenience Package with fixpacks included.

Monitor:

- I-inc IF171ABB 17" Widescreen LCD Monitor - 1440x900 (WXGA+), 5ms, 600:1, 250nits, Black
 - Any monitor model or type is acceptable.

IDE 80 Pin Cable

- IDE Hard Drive and IDE CD-ROM Drive
 - This cable is needed to connect the IDE Hard Drive and CD-ROM Drive to the motherboard.

68 Pin SCSI Cable

- SCSI Hard Drive and Adaptec Card
 - This cable is needed to connect the SCSI Hard Drive and the SCSI Adaptec Card to the motherboard.

Floppy Drive Cable

- PowerUp 24-in. 2-Drive Universal Floppy Cable
 - This cable is needed to connect the Floppy Drive to the motherboard.