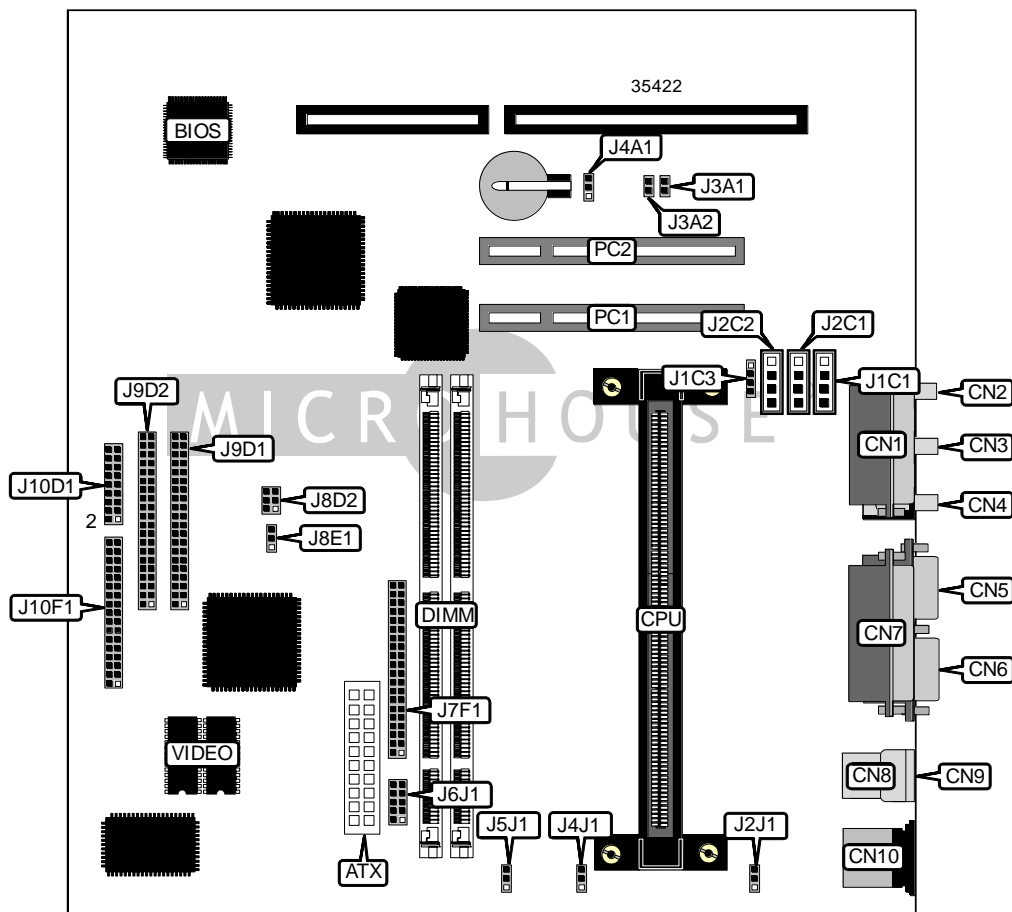


# INTEL CORPORATION M U 4 4 0 E X

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	ATI
<b>Maximum Onboard Memory</b>	256MB (SDRAM supported)
<b>Maximum Video Memory</b>	2MB
<b>Cache</b>	512KB (located on Pentium II CPU)
<b>BIOS</b>	Intel, Phoenix
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (2), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, VGA port, IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in – CD-ROM
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Wake on ring connector	J3A2
Game/MIDI port	CN1	Wake on LAN connector	J4A1
Microphone in	CN2	CPU fan power	J4J1
Line in	CN3	CPU fan power	J5J1
Line out	CN4	TV out connector	J6J1
VGA port	CN5	AMC connector	J7F1
Serial port	CN6	PC/PCI connector	J8D2
Parallel port	CN7	IDE interface	J9D1
USB connector 2	CN8	IDE interface	J9D2
USB connector 1	CN9	IDE interface LED	J10D1/pins 1 & 3
PS/2 mouse port	CN10	Power LED	J10D1/pins 2 & 4
Telephony connector	J1C1	Reset switch	J10D1/pins 5 & 7
2mm CD-ROM	J1C3	Soft off power supply	J10D1/pins 6 & 8
Auxiliary line in	J2C1	IR connector	J10D1/pins 11 - 16
Audio in – CD-ROM	J2C2	Floppy drive interface	J10F1
CPU fan power	J2J1	32-bit PCI slots	PC1 – PC2
Chassis alarm	J3A1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS normal operation	J8E1	Pins 1 & 2 closed
Flash BIOS configuration mode	J8E1	Pins 2 & 3 closed
Flash BIOS recovery mode	J8E1	Open

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64

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DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION
Note: 512KB cache is located on the Pentium II CPU.

VIDEO MEMORY CONFIGURATION
Note: 2MB video memory factory installed and is not configurable.