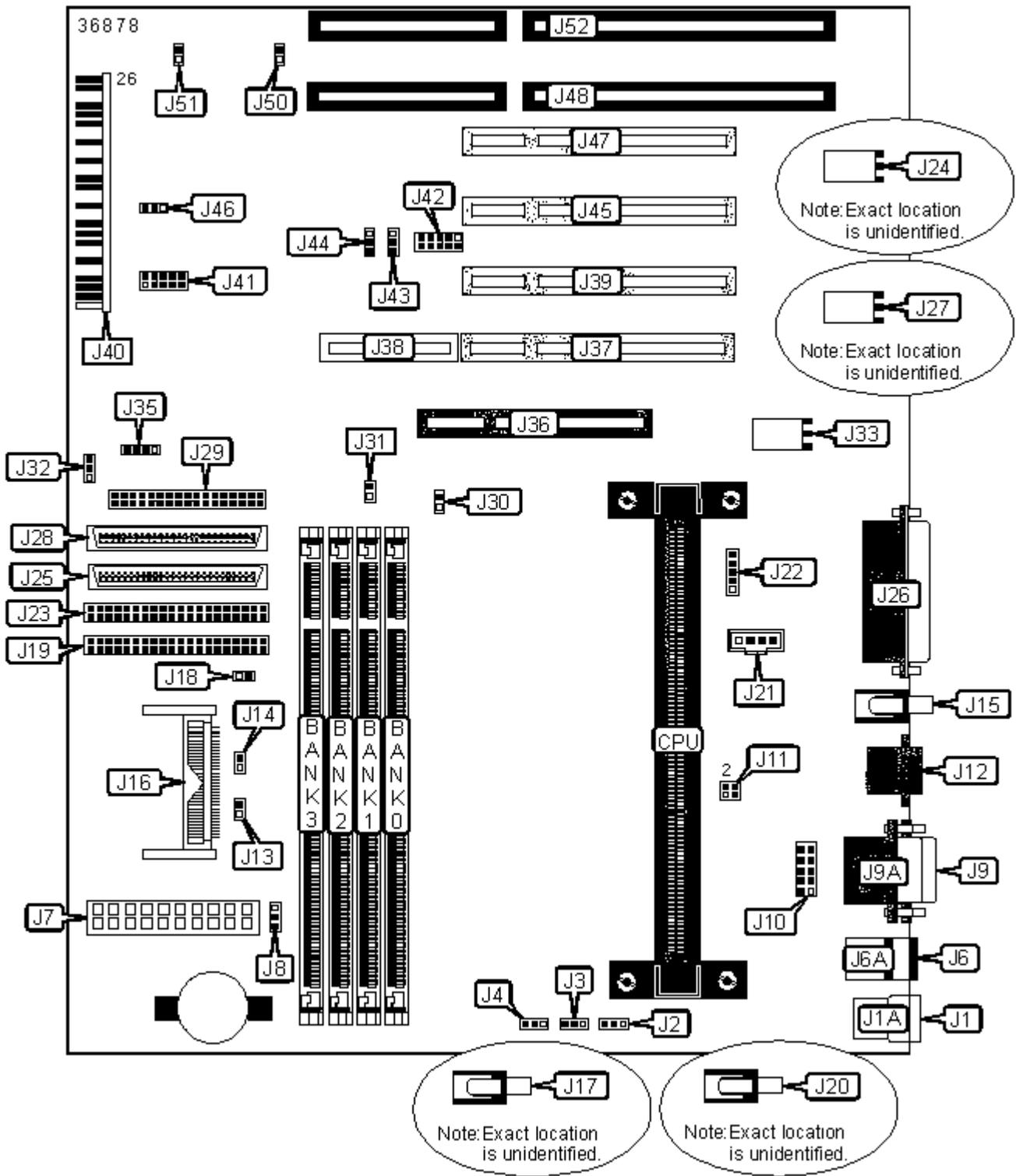


MOTOROLA, INC.

PATX3000-101

Device Type	Mainboard
Processor	Pentium II/Pentium III
Processor Speed	350/400/450/500MHz
Chip Set	Intel 440BX
Audio Chip Set	Ensoniq
Maximum Onboard Memory	1GB (SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	Phoenix
Dimensions	305mm x 244mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (4), AGP slot, ATX power connector, Audio in - CD-ROM, Auxiliary in, Chassis intrusion connector, Ethernet 10BaseT connector, Floppy drive interface, IDE interfaces (2), IEEE-1394 serial connectors (3), IR connector, Line in, Line out, Microphone in, Parallel port, PS/2 keyboard port, PS/2 mouse port, RAID slot, Serial interface, Serial ports (2), USB interface, USB ports (2), Wide Ultra SCSI interfaces (2)



CONNECTIONS

Purpose	Location	Purpose	Location
USB port 1	J1	IDE interface 1	J23
USB port 2	J1A	IEEE-1394 serial port 1 connector	J24
CPU fan power	J2	Wide Ultra SCSI channel B interface	J25
Power supply fan power	J3	Parallel port	J26

Chassis fan power	J4	IEEE-1394 serial port 2 connector	J27
PS/2 keyboard port	J6	Wide Ultra SCSI channel A interface	J28
PS/2 mouse port	J6A	Floppy drive interface	J29
ATX power connector	J7	Unidentified	J30
Serial port 1	J9	Unidentified	J31
Serial port 2	J9A	IEEE-1394 serial port 3 connector	J33
Serial interface	J10	USB interface	J35
Ethernet LED connector	J11	AGP slot	J36
Ethernet 10BaseT connector	J12	32-bit PCI slot 1	J37
Unidentified	J14	Raid slot	J38
Line out	J15	32-bit PCI slot 2	J39
ATA Flash memory card connector	J16	Front panel interface	J40
Microphone in	J17	IR connector	J41
Reset switch	J18	32-bit PCI slot 3	J45
IDE interface 2	J19	Chassis intrusion connector	J46
Line in	J20	32-bit PCI slot 4	J47
Audio in - CD ROM	J21	16-bit ISA slot 1	J48
Auxiliary in	J22	16-bit ISA slot 2	J52

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Battery type select internal	J8	Pins 1 & 2 closed
	Battery type select external	J8	Closed*
»	ATA Flash memory device slave mode	J13	Open
	ATA Flash memory device master mode	J13	Closed
»	CMOS to EEPROM backup disabled	J32	Pins 1 & 2 closed
	CMOS to EEPROM backup enabled	J32	Pins 2 & 3 closed
»	USB port 2 (J1) selected	J42	Pins 1 & 3, 2 & 4, 9 & 10 closed
	USB interface (J35) selected	J42	Pins 3 & 5, 4 & 6, 7 & 8 closed

»	Beep tones directed to onboard speaker	J43	Pins 2 & 3 closed
	Beep tones directed to audio chip	J43	Pins 1 & 2 closed
»	CMOS memory normal operation	J44	Pins 2 & 3 closed
	CMOS memory clear	J44	Pins 1 & 2 closed
»	Flash boot block write protect enabled	J50	Closed
	Flash boot block write protect disabled	J50	Open
»	Watchdog timer disabled	J51	Open
	Watchdog timer enabled	J51	Closed

Note: *J8 is used as an external battery connector when the internal jumper setting is not used.

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 16M x 64	None	None	None

144MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 8M x 64			
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 32M x 64	None	None	None
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64			
512MB	(1) 32M x 64	(1) 32M x 64	None	None
528MB	(1) 32M x 64	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
544MB	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
576MB	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
640MB	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 32M x 64			

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Note: 512KB cache is located on Pentium II & Pentium III CPUs.