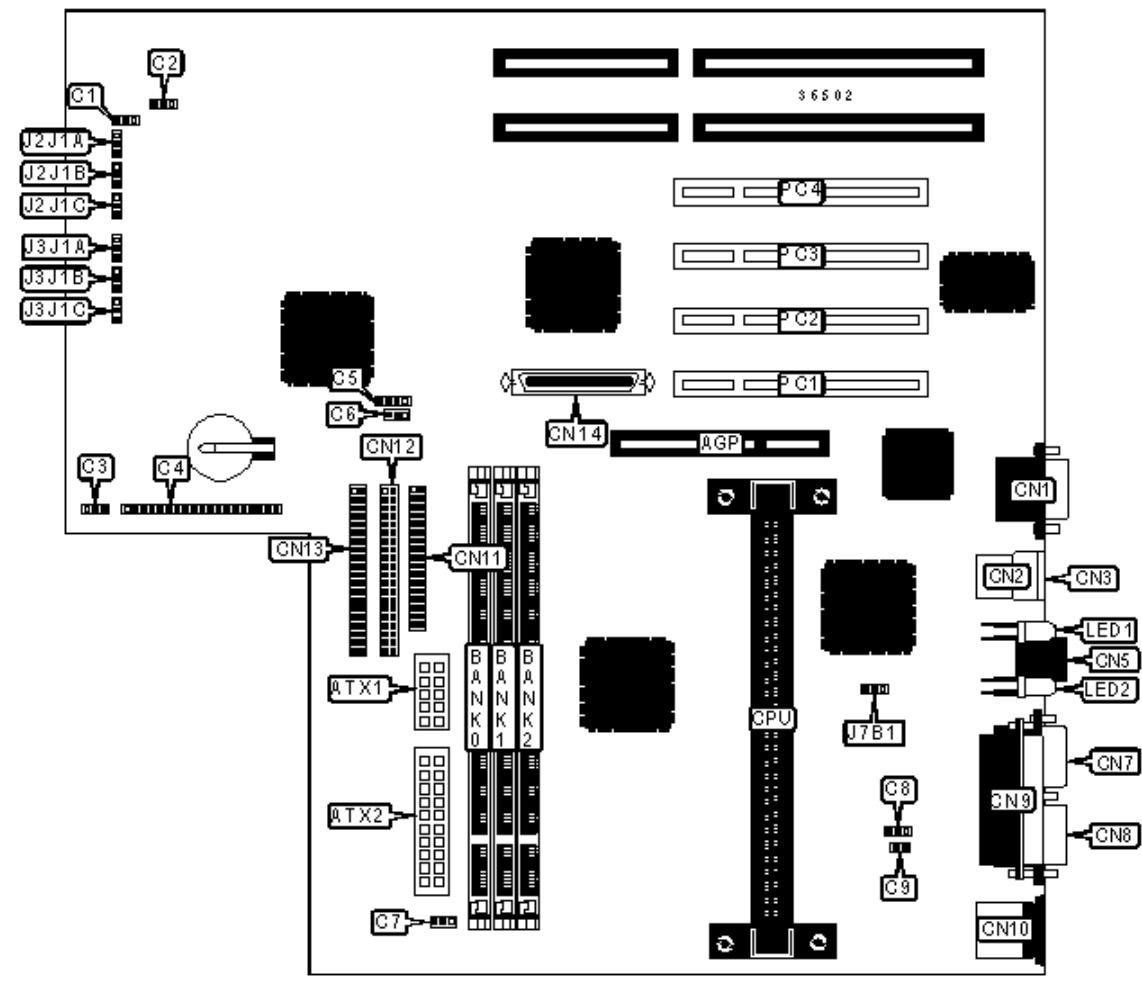


INTEL CORPORATION

T440BX

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/366/350/400/450/500MHz
Chip Set	Intel 440BX
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	768MB (SDRAM supported)
Maximum Video Memory	2MB
Cache	256/512KB (located on Pentium II CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), Ethernet 10BaseT connector, floppy drive interface, IDE interfaces (2), SCSI interface, SCSI-2 interface, Wide SCSI interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, USB connectors (2), ATX power connector, AGP slot, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis intrusion connector	C9
ATX auxiliary power	ATX1	VGA port	CN1

ATX power connector	ATX2	USB connector 1	CN2
IMB connector	C1	USB connector 2	CN3
Chassis fan power	C2	Ethernet 10BaseT connector	CN5
Chassis fan power	C3	Serial port 1	CN7
Soft off power supply	C4/pins 1 & 2	Serial port 2	CN8
IDE interface LED	C4/pins 4 – 7	Parallel port	CN9
Speaker	C4/pins 8 – 11	PS/2 mouse port	CN10
Power LED	C4/pins 12 – 14	Floppy drive interface	CN11
Reset switch	C4/pins 16 & 17	IDE interface 2	CN12
Green PC connector	C4/pins 18 & 19	IDE interface 1	CN13
IDE interface LED	C5	Wide SCSI interface	CN14
Wake on LAN connector	C6	NIC LED	LED1
CPU fan power	C7	NIC LED	LED2
Chassis fan power	C8	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J2J1A	Pins 1 & 2 closed
	CMOS memory clear	J2J1A	Pins 2 & 3 closed
»	Password normal operation	J2J1B	Pins 1 & 2 closed
	Password clear	J2J1B	Pins 2 & 3 closed
»	Flash BIOS normal operation	J2J1C	Pins 1 & 2 closed
	Flash BIOS recovery mode	J2J1C	Pins 2 & 3 closed
»	BIOS boot block write protect enabled	J3J1A	Pins 1 & 2 closed
	BIOS boot block write protect disabled	J3J1A	Pins 2 & 3 closed
»	BMC force update select normal operation	J3J1B	Pins 1 & 2 closed
	BMC force update select update BMC firmware	J3J1B	Pins 2 & 3 closed
»	BMC boot block write protect enabled	J3J1C	Pins 1 & 2 closed
	BMC boot block write protect disabled	J3J1C	Pins 2 & 3 closed
»	Wake on LAN enabled	J7B1	Pins 1 & 2 closed
	Wake on LAN disabled	J7B1	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64

128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Orange	On	100Mbps connection
LED1	Orange	Off	10Mbps connection
LED1	Orange	Blinking	N/A
LED2	Green	On	Linked to network, no network traffic
LED2	Green	Off	Not linked to network
LED2	Green	Blinking	Linked to network, sending or receiving data