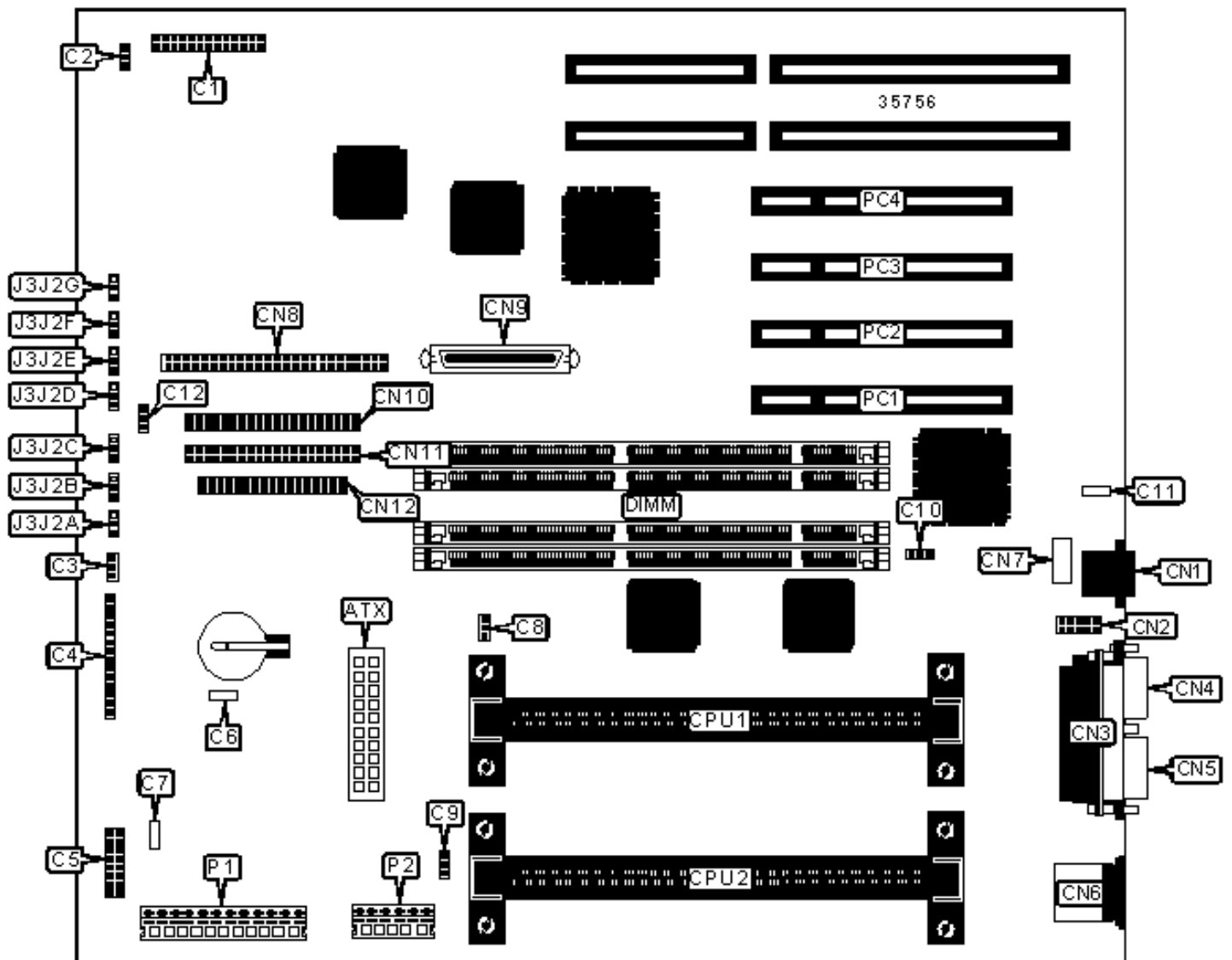


INTEL CORPORATION

N440BX

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Serial port 2	CN2
SMM connector	C1	Parallel port	CN3
Chassis fan power	C2	VGA port	CN4
Chassis fan power	C3	Serial port 1	CN5
Front panel connector	C4	PS/2 mouse port	CN6
Front panel connector	C5	USB connector	CN7
Speaker	C6	SCSI interface	CN8
IDE interface LED	C7	Ultra Wide SCSI interface	CN9
CPU fan power	C8	IDE interface 2	CN10
CPU fan power	C9	IDE interface 1	CN11
Wake on LAN connector	C10	Floppy drive interface	CN12
Chassis intrusion connector	C11	5v power	P1
IMB connector	C12	5v auxiliary power	P2
Ethernet 10BaseT connector	CN1	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	BMC forced update mode normal	J3J2A	Pins 1 & 2 closed
	BMC forced update mode update to BMC firmware	J3J2A	Pins 2 & 3 closed
»	Chassis intrusion detection enabled	J3J2B	Pins 1 & 2 closed
	Chassis intrusion detection disabled	J3J2B	Pins 2 & 3 closed
»	FRB timer enabled	J3J2C	Pins 1 & 2 closed
	FRB timer disabled	J3J2C	Pins 2 & 3 closed
»	Boot block write protect enabled	J3J2D	Pins 1 & 2 closed

	Boot block write protect disabled	J3J2D	Pins 2 & 3 closed
»	Flash BIOS normal operation	J3J2E	Pins 1 & 2 closed
	Flash BIOS recovery mode	J3J2E	Pins 2 & 3 closed
»	Password normal operation	J3J2F	Pins 1 & 2 closed
	Password clear	J3J2F	Pins 2 & 3 closed
»	CMOS memory normal operation	J3J2G	Pins 1 & 2 closed
	CMOS memory clear	J3J2G	Pins 2 & 3 closed
»	BMC boot block write protect enabled	J3J2H	Pins 1 & 2 closed
	BMC boot block write protect disabled	J3J2H	Pins 2 & 3 closed
»	Wake on LAN enabled	J3J2I	Pins 2 & 3 closed
	Wake on LAN disabled	J3J2I	Pins 1 & 2 closed
Note: The location of H & I are unidentified.			

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	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) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None

96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M 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
304MB	(1) 32M x 64	(1) 2M 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
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
352MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64	(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.