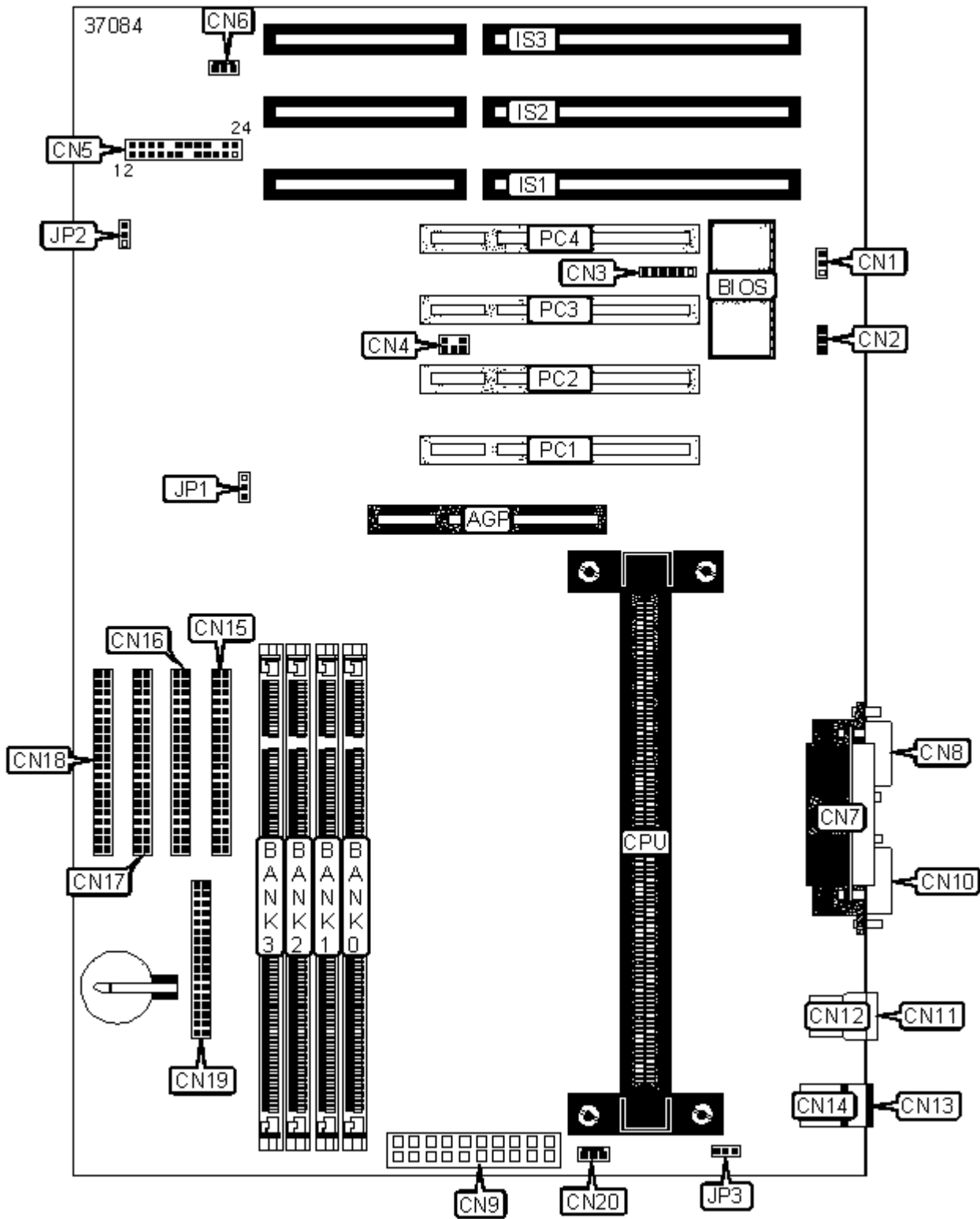


PROMISE TECHNOLOGY, INC.

FT440BX

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/350/366/400/433/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	512MB (SDRAM supported)
Cache	256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 220mm
I/O Options	16-bit ISA slots (3), 32-bit PCI slots (4), AGP slot, ATX power connector, Floppy drive interface, Green PC switch, IDE ATAPI interfaces (2), IDE RAID interfaces (2), IR connector, Parallel port, PS/2 keyboard port, PS/2 mouse port, Serial ports (2), SB-Link connector, USB ports (2), Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Serial port 2	CN8
Chassis intrusion connector	CN1	ATX power connector	CN9
Wake-on-LAN connector	CN2	Serial port 1	CN10

IR connector	CN3	USB port 1	CN11
SB-Link connector	CN4	USB port 2	CN12
Power LED & keylock	CN5/Pins 1 - 5	PS/2 keyboard port	CN13
Speaker	CN5/Pins 7 - 10	PS/2 mouse port	CN14
Power switch	CN5/Pins 11 & 12	IDE interface	CN15
IDE interface LED	CN5/Pins 13 & 14	IDE interface	CN16
Reset switch	CN5/Pins 15 & 16	IDE RAID interface	CN17
Green PC LED	CN5/Pins 18 & 19	IDE RAID interface	CN18
Green PC switch	CN5/Pins 20 & 21	Floppy drive interface	CN19
Turbo LED	CN5/Pins 23 & 24	CPU fan power	CN20
System fan power	CN6	16-bit ISA slots	IS1 - IS3
Parallel port	CN7	32-bit PCI slots	PC1 - PC4

Note: IDE RAID interfaces do not support ATAPI devices. The primary and secondary locations of the IDE/IDE RAID interfaces are unidentified.

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Power on by keyboard enabled	JP3	Pins 2 & 3 closed
	Power on by keyboard disabled	JP3	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
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	(1) 8M x 64	(1) 8M x 64	(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	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

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

BUS SPEED SELECTION

Bus Speed	JP1
Auto detect	Pins 1 & 2 closed
66MHz	Pins 2 & 3 closed
100MHz	Open