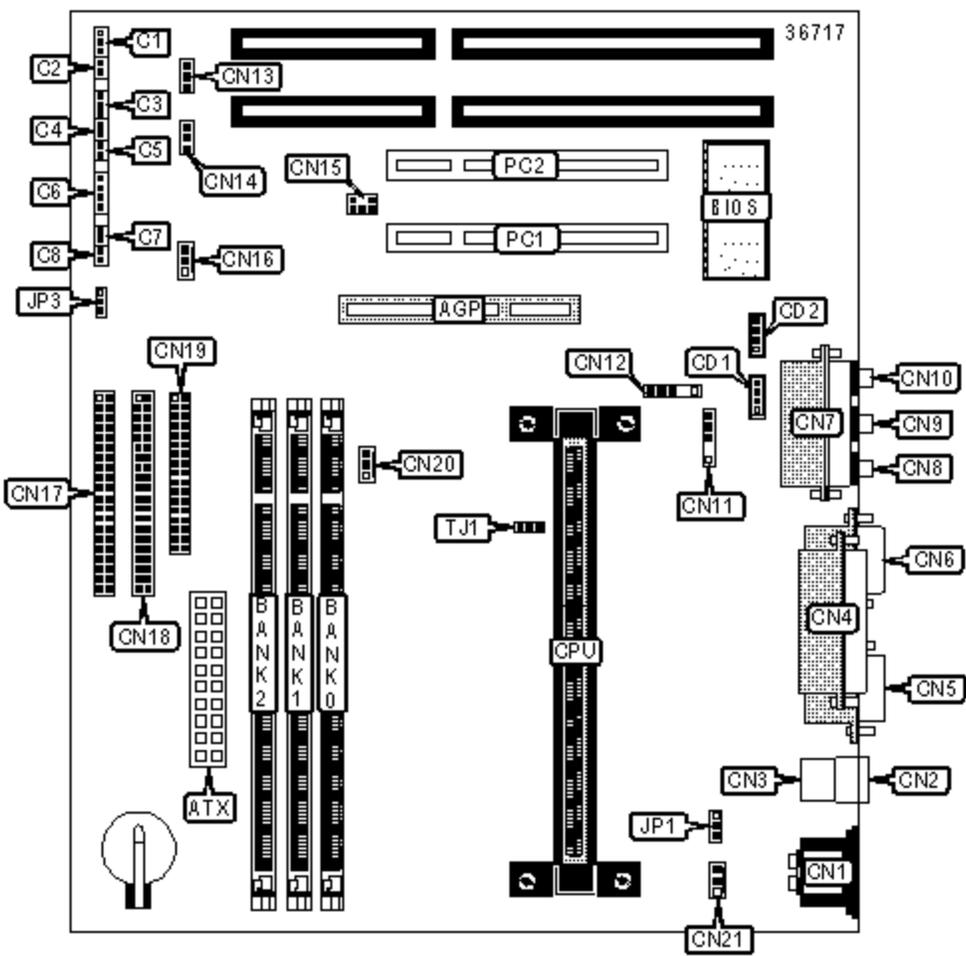


ELITEGROUP COMPUTER SYSTEMS, INC.

P6BX-ME

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	244mm x 244mm
I/O Options	32-bit PCI slots (2), AGP slot, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connectors (2), USB ports (2), ATX power connector, Wake-On LAN connector, Wake-On modem connector, SB-Link connector, audio in - CD-ROMs (2), game/MIDI port, line out, line in, microphone in, thermal connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Game/MIDI port	CN7
ATX power connector	ATX	Line out	CN8
Power LED connector	C1	Line in	CN9
Green PC connector	C2	Microphone in	CN10

Green LED connector	C3	Fast IR connector	CN11
Keylock connector	C4	IR connector	CN12
Reset switch	C5	Wake-On modem connector	CN13
Speaker connector	C6	Wake-On LAN connector	CN14
IDE interface LED	C7	SB-Link connector	CN15
Power switch	C8	System fan power	CN16
Audio in - CD-ROM	CD1	IDE interface 1	CN17
Audio in - CD-ROM	CD2	IDE interface 2	CN18
PS/2 mouse port	CN1	Floppy drive interface	CN19
USB port 1	CN2	CPU fan power	CN20
USB port 2	CN3	Power supply fan	CN21
Parallel port	CN4	32-bit PCI slots	PC1 - PC2
Serial port 1	CN5	Thermal connector (Thermistor Junction)	TJ1
Serial port 2	CN6		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard power on enabled (5V standby)	JP1	Pins 1 & 2 Closed
	Keyboard power on disabled (Vcc)	JP1	Pins 2 & 3 Closed
»	CMOS memory normal operation	JP3	Pins 1 & 2 Closed
	CMOS memory clear	JP3	Pins 2 & 3 Closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64

24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64

768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
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Note: SDRAM memory is supported. PC-100 modules must be used if processor operates at a 100MHz bus.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II, III CPU. 128KB cache is located on the Celeron 300A and greater CPUs.