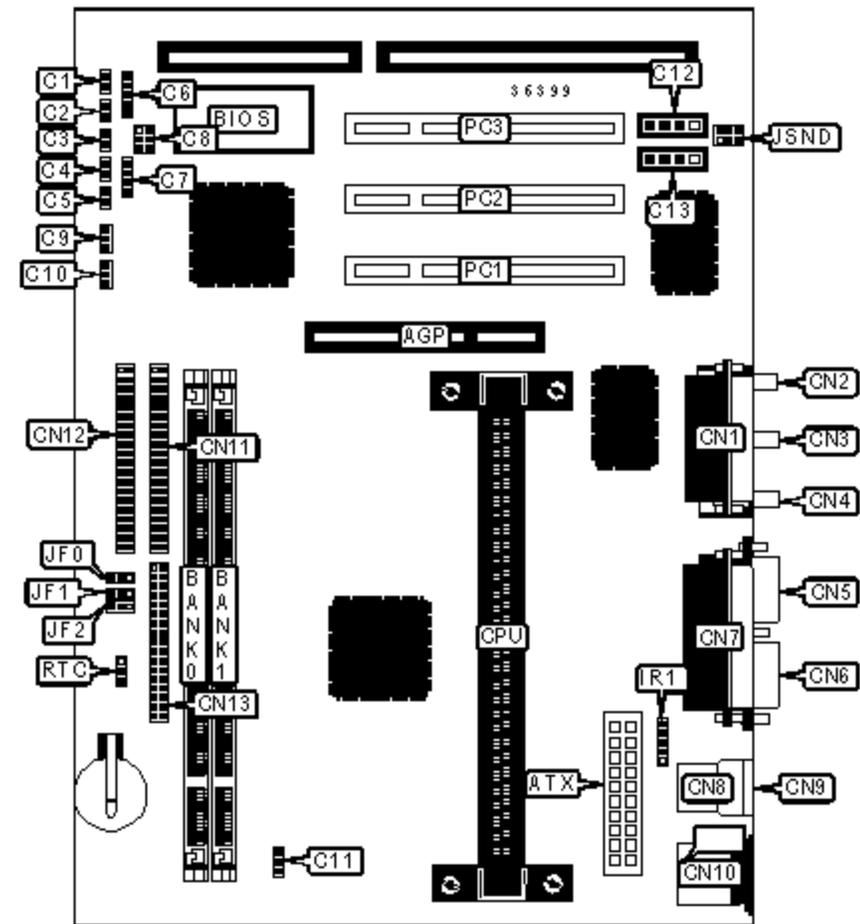


## P2EXA

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II/Celeron
<b>Processor Speed</b>	233/266/300/333MHz
<b>Chip Set</b>	Intel 440EX
<b>Maximum Onboard Memory</b>	512MB (EDO & SDRAM supported)
<b>Audio Chip Set</b>	ALS
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	240mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), SB-link connector, wake on LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Game/MIDI port	CN1
ATX power connector	ATX	Microphone in	CN2
Green PC LED	C1	Line in	CN3
Reset switch	C2	Line out	CN4
IDE interface LED	C3	Serial port 2	CN5

IDE interface LED	C3	Serial port 2	CN5
Soft off power supply	C4	Serial port 1	CN6
Green PC connector	C5	Parallel port	CN7
Power LED & keylock	C6	USB connector 1	CN8
Speaker	C7	USB connector 2	CN9
SB-link connector	C8	PS/2 mouse port	CN10
Wake on LAN connector	C9	IDE interface 2	CN11
Chassis fan power	C10	IDE interface 1	CN12
CPU fan power	C11	Floppy drive interface	CN13
Audio in - CD-ROM	C12	IR connector	IR1
Audio in - CD-ROM	C13	32-bit PCI slots	PC1 - PC3

### USER CONFIGURABLE SETTINGS

Function		Label	Position
	On board sound enabled	JSND	Pins 1 & 3, 2 & 4 closed
	On board sound disabled	JSND	Pins 3 & 5, 4 & 6 closed
»	CMOS memory normal operation	RTC	Pins 2 & 3 closed
	CMOS memory clear	RTC	Pins 1 & 2 closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64

40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64

#### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board accepts EDO & SDRAM memory.		

#### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

**CPU SPEED SELECTION**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JF0</b>	<b>JF1</b>	<b>JF2</b>
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.