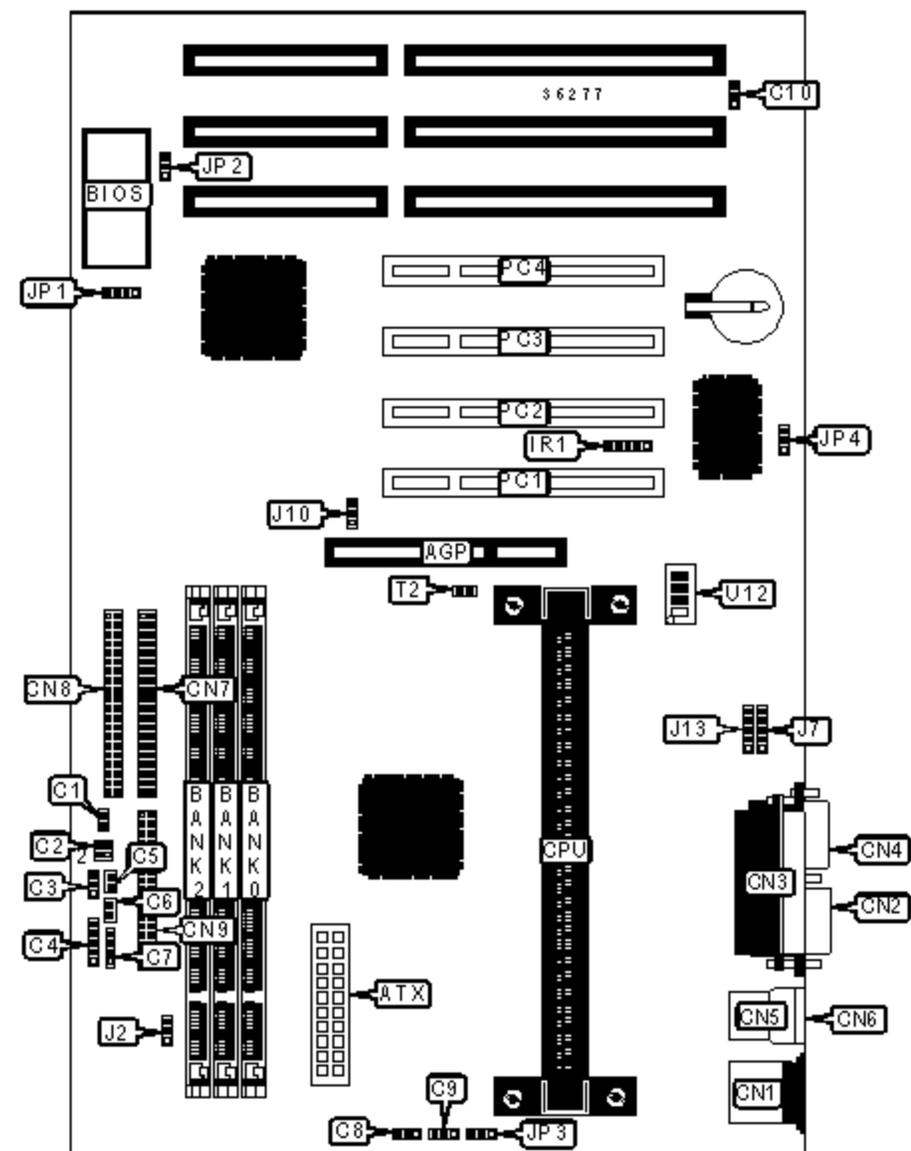


# J-MARK COMPUTER CORPORATION

## J-7BXA, J-7BXA/L

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	200/233/266/300/333MHz
<b>Chip Set</b>	Intel 440BX
<b>Maximum Onboard Memory</b>	768MB (EDO & SDRAM supported)
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	305mm x 190mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, 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



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	C10
ATX power connector	ATX	PS/2 mouse port	CN1

Soft off power supply	C1	Serial port	CN2
IDE interface LED	C2/pins 1 & 3	Parallel port	CN3
Green PC connector	C2/pins 2 & 4	Serial port	CN4
Turbo switch	C3	USB connector 1	CN5
Power LED & keylock	C4	USB connector 2	CN6
Turbo LED	C5	IDE interface 1	CN7
Reset switch	C6	IDE interface 2	CN8
Speaker	C7	Floppy drive interface	CN9
Chassis fan power	C8	IR connector	IR1
Chassis fan power	C9	32-bit PCI slots	PC1 - PC4

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J2	Unidentified
»	Factory configured - do not alter	J7	Unidentified
»	Factory configured - do not alter	J13	Unidentified
»	CMOS memory normal operation	JP1	Pins 2 & 3 closed
	CMOS memory clear	JP1	Pins 3 & 4 closed
	Battery type select external	JP1	Closed
	Flash BIOS voltage select 12v	JP2	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	JP2	Pins 2 & 3 closed
»	Factory configured - do not alter	JP3	Unidentified
»	Factory configured - do not alter	JP4	Unidentified
»	Factory configured - do not alter	T2	Unidentified

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
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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

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
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
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 EDO & SDRAM memory.

**CACHE CONFIGURATION**

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

**CPU SPEED SELECTION**

CPU speed	Clock speed	Multiplier	U12/1	U12/2	U12/3	U12/4
200MHz	66MHz	3x	On	On	On	Off
233MHz	66MHz	3.5x	On	On	Off	Off
266MHz	66MHz	4x	On	Off	On	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	Off	On	Off	On

**CPU BUS FREQUENCY SELECTION**

Speed		J10
	66MHz	Pins 2 & 3 closed
»	100MHz	Pins 1 & 2 closed