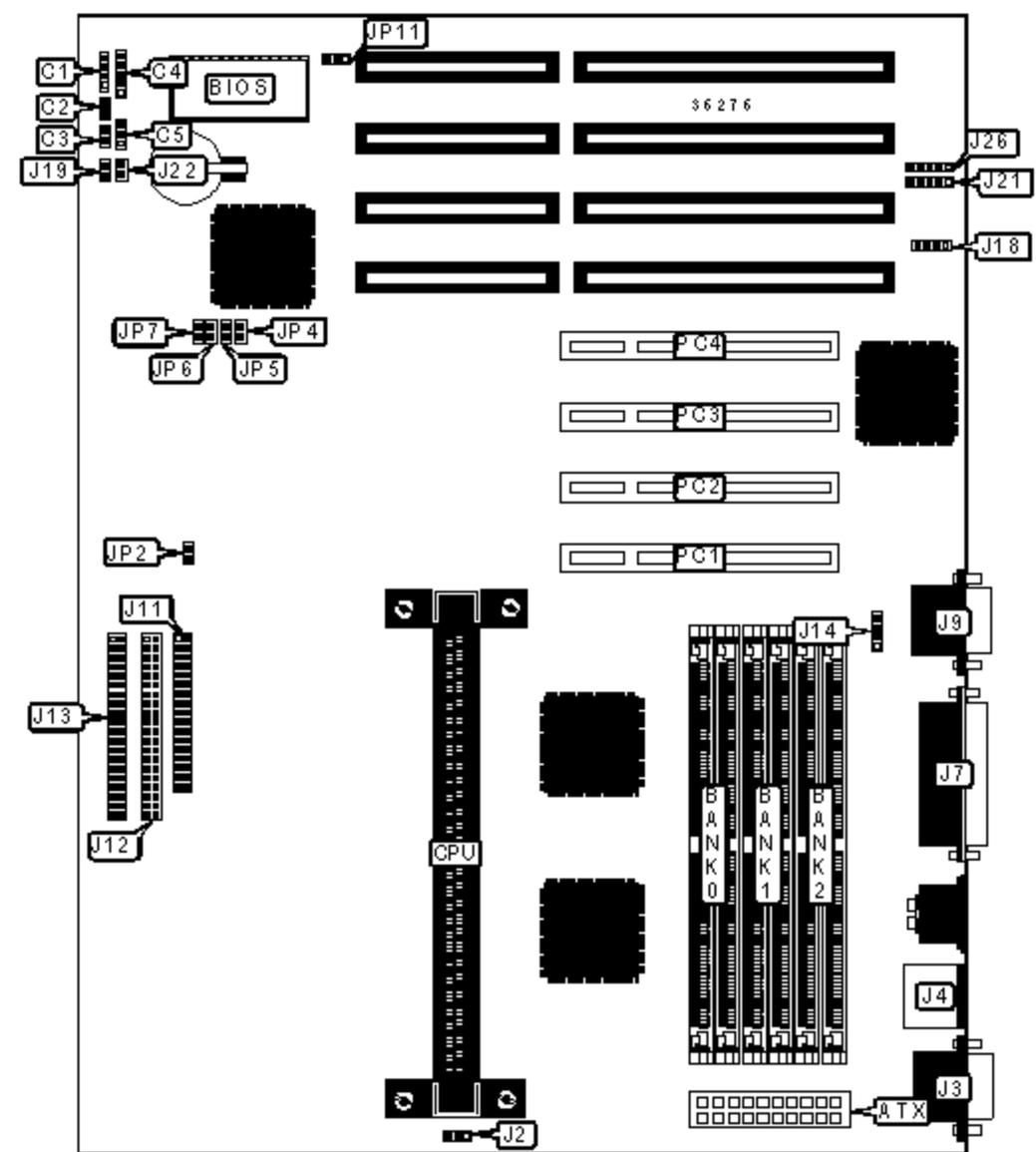


# J-MARK COMPUTER CORPORATION

## J-7FXA

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266MHz
<b>Chip Set</b>	Intel 440FX
<b>Maximum Onboard Memory</b>	512MB (EDO supported)
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Floppy drive interface	J11
Speaker	C1	IDE interface 1	J12
Reset switch	C2	IDE interface 2	J13

Reset switch	C2	IDE interface 2	J13
Turbo LED	C3	IR connector	J14
Power LED & keylock	C4	External battery	J18
Turbo switch	C5	IDE interface LED	J19
CPU fan power	J2	USB connector 1	J21
Serial port 1	J3	Green PC connector	J22
PS/2 mouse port	J4	USB connector 2	J26
Parallel port	J7	32-bit PCI slots	PC1 – PC4
Serial port 2	J9		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
	CMOS memory normal operation	J18	Pins 2 & 3 closed
	CMOS memory clear	J18	Pins 3 & 4 closed
	Battery type select external	J18	Open
	Flash BIOS voltage select 12v	JP11	Pins 2 & 3 closed
	Flash BIOS voltage select 5v	JP11	Pins 1 & 2 closed

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36

64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 16M x 36	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

**SIMM CONFIGURATION (CON'T)**

<b>Size</b>	<b>Bank 0</b>	<b>Bank 1</b>	<b>Bank 2</b>
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 32M x 36	None	None
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None

384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36

### CACHE CONFIGURATION

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

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP2	JP4	JP5	JP6	JP7
233MHz	66MHz	3.5x	Open	Open	Open	Closed	Closed
266MHz	66MHz	4x	Open	Closed	Closed	Open	Closed