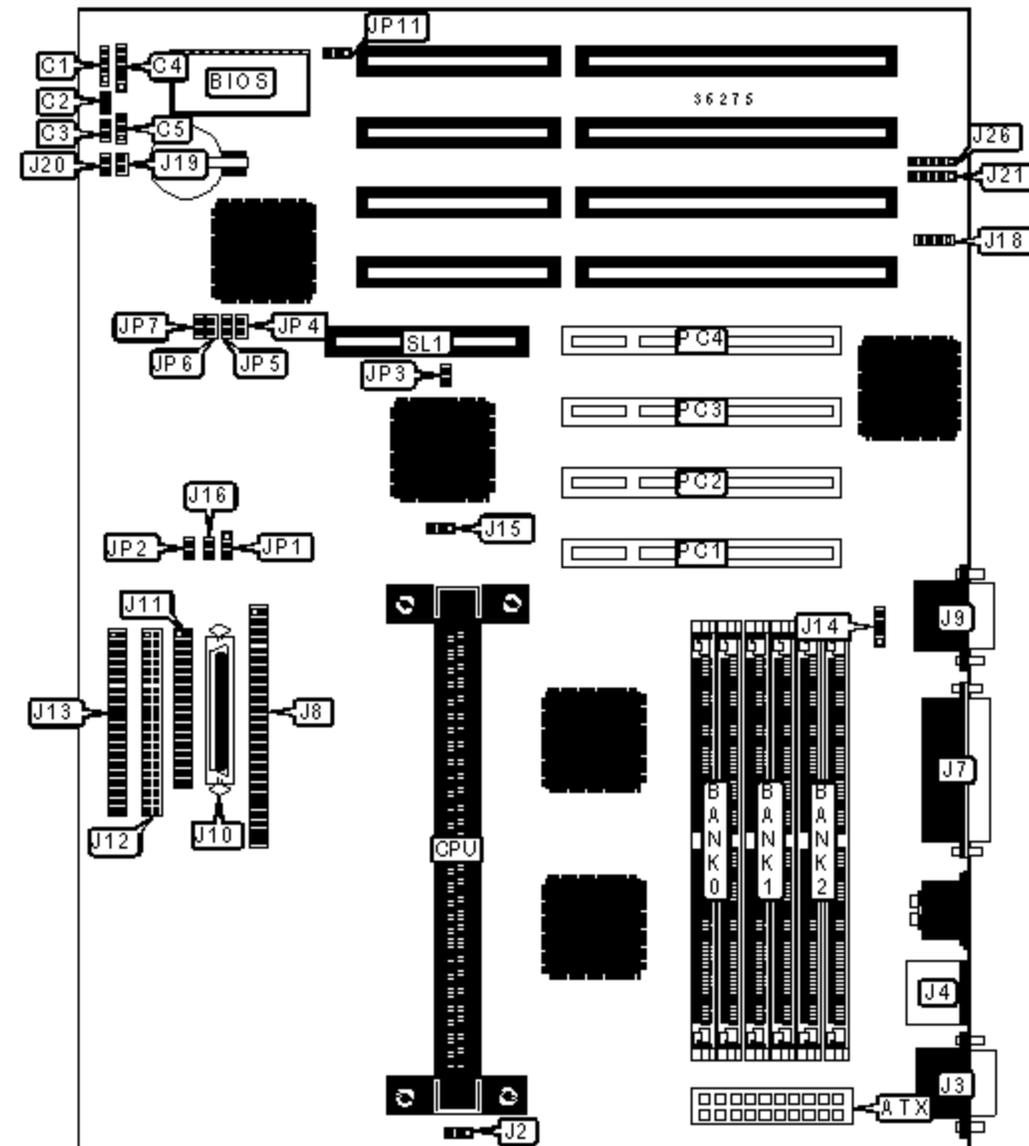


J-MARK COMPUTER CORPORATION

J-7FXA/SCSI

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



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Ultra SCSI interface	J10
Speaker	C1	Floppy drive interface	J11

Reset switch	C2	IDE interface 1	J12
Turbo LED	C3	IDE interface 2	J13
Power LED & keylock	C4	IR connector	J14
Turbo switch	C5	External battery	J18
CPU fan power	J2	Green PC connector	J19
Serial port 1	J3	IDE interface LED	J20
PS/2 mouse port	J4	USB connector 1	J21
Parallel port	J7	USB connector 2	J26
SCSI interface	J8	32-bit PCI slots	PC1 – PC4
Serial port 2	J9	RAID slot	SL1

USER CONFIGURABLE SETTINGS

Function		Label	Position
	RAID card installed	J15	Pins 2 & 3 closed
	RAID card not installed	J15	Pins 1 & 2 closed
»	SCSI low byte termination select through BIOS	J16	Open
	SCSI low byte termination select enabled	J16	Closed
	CMOS memory normal operation	J18	Pins 2 & 3 closed
	CMOS memory clear	J18	Pins 3 & 4 closed
	Battery type select external	J18	Open
»	SCSI high byte termination select enabled	JP1	Pins 1 & 2 closed
	SCSI high byte termination select through BIOS	JP1	Pins 2 & 3 closed
	SCSI data bus size select 8-bit	JP3	Open
	SCSI data bus size select 16-bit	JP3	Closed
	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

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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