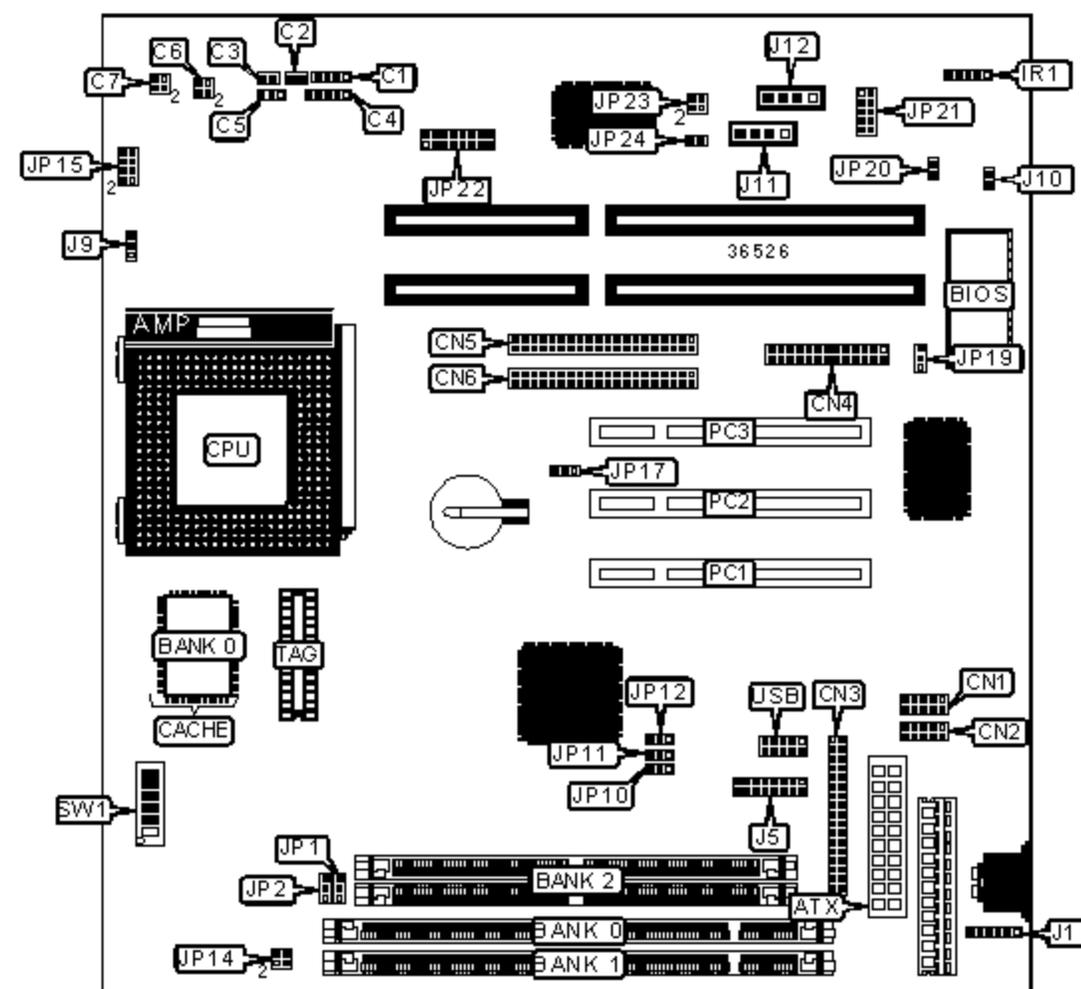


J-MARK COMPUTER CORPORATION

J-TX98B

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86MX/IBM 6X86MX/IDT C6/AM K5/ AM K6/AM K6-2/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200/233/266/300/MHz
Chip Set	SIS 5598
Video Chip Set	SIS
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Audio Chip Set	Unidentified
Cache	512KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA interface, IR connector, USB connector, ATX power connector, audio in – CD-ROMs (2)



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	CN6

Speaker	C1	IR connector	IR1
Reset switch	C2	PS/2 mouse interface	J1
Turbo LED	C3	VGA interface	J5
Power LED & keylock	C4	CPU fan power	J9
Turbo switch	C5	Audio in – CD-ROM	J11
IDE interface LED	C6/pins 1 & 3	Audio in – CD-ROM	J12
Soft off power supply	C7/pins 1 & 3	Audio connector	JP21
Serial port 1	CN1	Game interface	JP22
Serial port 2	CN2	Digital audio out	JP23/pins 1 & 2
Floppy drive interface	CN3	Digital audio in	JP23/pins 3 & 4
Parallel port	CN4	32-bit PCI slots	PC1 – PC3
IDE interface 2	CN5	USB connector	USB

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J10	Unidentified
»	Factory configured - do not alter	JP11	Unidentified
»	Factory configured - do not alter	JP12	Unidentified
»	CMOS memory normal operation	JP17	Pins 1 & 2 closed
	CMOS memory clear	JP17	Pins 2 & 3 closed
	Flash BIOS voltage select 12v	JP19	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	JP19	Pins 2 & 3 closed
»	Factory configured - do not alter	JP20	Unidentified
»	Factory configured - do not alter	JP24	Unidentified

SIMM CONFIGURATION

Size	Bank 2

16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
Note: Board accepts EDO memory.	

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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
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

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0	TAG
512KB	(1) 64K x 64	Unidentified

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
120MHz	50MHz	2x	On	On	On	On	Off	Off
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
120MHz	50MHz	2x	On	On	On	On	Off	Off
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	60MHz	2.5x	On	Off	Off	On	On	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	60MHz	2.5x	On	Off	Off	On	On	Off

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	50MHz	3x	On	On	On	Off	On	Off
180MHz	60MHz	3x	On	Off	Off	Off	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	50MHz	1.5x	On	On	On	Off	Off	Off
90MHz	60MHz	1.5x	On	Off	Off	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4x	Off	Off	Off	On	Off	On
300MHz	66MHz	4.5x	Off	Off	Off	On	On	On

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
266MHz	66MHz	4x	Off	Off	Off	On	Off	On

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	50MHz	1.5x	On	On	On	Off	Off	Off
90MHz	60MHz	1.5x	On	Off	Off	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	Off	Off	Off	On	Off	Off
150MHz	60MHz	2.5x	On	Off	Off	On	On	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU VOLTAGE SELECTION

Voltage	JP15/pins 1 & 2	JP15/pins 3 & 4	JP15/pins 5 & 6	JP15/pins 7 & 8
2.2v	Open	Closed	Open	Open
2.8v	Open	Open	Open	Closed
2.9v	Closed	Open	Open	Closed

3.2v	Open	Open	Closed	Closed
3.45v	Open	Closed	Closed	Closed
3.52v	Closed	Closed	Closed	Closed

ON BOARD VIDEO SELECTION			
Setting	JP1	JP2	JP10
Enabled	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed