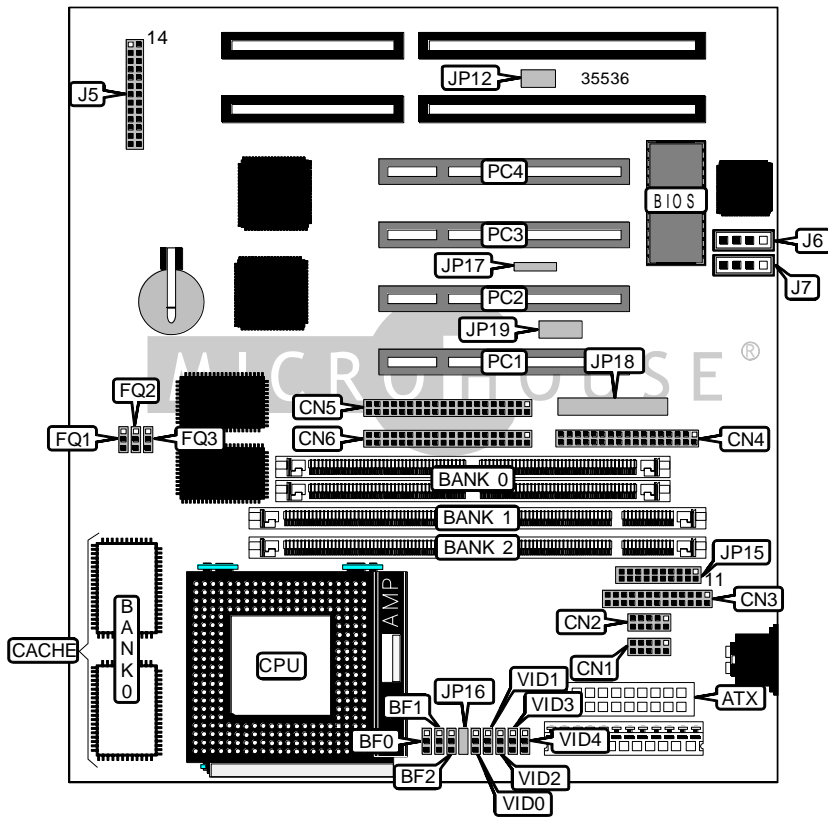


ZIDA TECHNOLOGIES INC.

TX98-3D (VER. 1.01)

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 6X86MX/IBM 6X86MX/IDT C6/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	100/120/133/150/166/200/225/233/266/300/333MHz
Chip Set	VIA VPX
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI
Dimensions	220mm x 200mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), ATX power connector, audio in – CD-ROMs (2), audio connector, TB-link connector, wake on LAN connector, TA-link connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Speaker	J5/pins 10 – 13
Serial port 1	CN1	IDE interface LED	J5/pins 14 & 15
Serial port 2	CN2	TB-link connector	JP12
Parallel port	CN3	USB connector 1	JP15/pins 1 - 5
Floppy drive interface	CN4	PS/2 mouse interface	JP15/pins 6 – 10
IDE interface 1	CN5	USB connector 2	JP15/pins 11 – 15
IDE interface 2	CN6	IR connector	JP15/pins 16 - 20
Audio in – CD-ROM	J6	Wake on LAN connector	JP17
Audio in – CD-ROM	J7	Audio connector	JP18
Power LED & keylock	J5/pins 1 – 5	TA-link connector	JP19
Green PC connector	J5/pins 7 & 8	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Auto jumper enabled	JP16	Pins 1 & 2 closed
Auto jumper disabled	JP16	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	Bank 0
8MB	(2) 1M x 36
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 1	Bank 2
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

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DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	83MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	83MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT C6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
150MHz	50MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
150MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
225MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
333MHz	66MHz	5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FQ1	FQ2	FQ3
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION					
Voltage	VID0	VID1	VID2	VID3	VID4
2.2v	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
2.8v	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
2.9v	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
3.2v	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
3.3v	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
3.4v	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
3.5v	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.