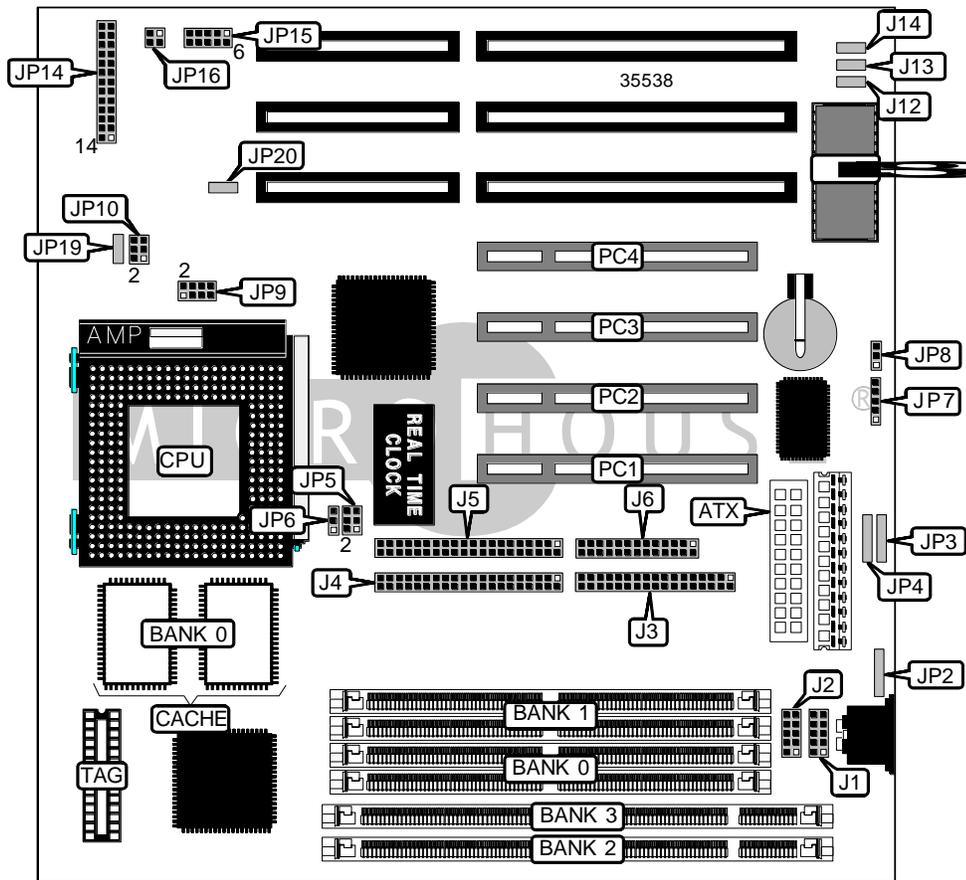


ZIDA TECHNOLOGIES INC.

5 DTX (VER. 1.00)

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/180/200/233MHz
Chip Set	Intel 430TX
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	254mm x 218mm
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
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	USB connector 1	JP3
Serial port 2	J1	USB connector 2	JP4
Serial port 1	J2	IR connector	JP7
Floppy drive interface	J3	Power LED & keylock	JP14/pins 1 – 5
IDE interface 1	J4	Green PC connector	JP14/pins 7 & 8
IDE interface 2	J5	Speaker	JP14/pins 10 – 13
Parallel port	J6	IDE interface LED	JP14/pins 14 & 15
PS/2 mouse interface	JP2	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J12	Unidentified
í Factory configured - do not alter	J14	Unidentified
í Factory configured - do not alter	J14	Unidentified
í CMOS memory normal operation	JP8	Pins 2 & 3 closed
CMOS memory clear	JP8	Pins 1 & 2 closed
í Factory configured - do not alter	JP19	Unidentified
í Factory configured - do not alter	JP20	Unidentified

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
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.		

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CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CX 6X86)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
133MHz	55MHz	2x	3 & 5, 4 & 6	1 & 2	1 & 3, 4 & 6
166MHz	66MHz	2x	2 & 4, 3 & 5	2 & 3	1 & 3, 4 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
133MHz	55MHz	2x	3 & 5, 4 & 6	1 & 2	1 & 3, 4 & 6
166MHz	66MHz	2x	2 & 4, 3 & 5	2 & 3	1 & 3, 4 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
200MHz	75MHz	2x	1 & 3, 4 & 6	1 & 2	1 & 3, 4 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
200MHz	75MHz	2x	1 & 3, 4 & 6	1 & 2	1 & 3, 4 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
90MHz	60MHz	1.5x	1 & 3, 4 & 6	2 & 3	1 & 3, 2 & 4
100MHz	66MHz	1.5x	2 & 4, 3 & 5	2 & 3	1 & 3, 2 & 4
133MHz	66MHz	1.5x	2 & 4, 3 & 5	2 & 3	1 & 3, 2 & 4
150MHz	60MHz	1.75x	1 & 3, 4 & 6	2 & 3	3 & 5, 4 & 6
166MHz	66MHz	1.75x	2 & 4, 3 & 5	2 & 3	3 & 5, 4 & 6

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K6)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
166MHz	66MHz	2.5x	2 & 4, 3 & 5	2 & 3	3 & 5, 4 & 6
200MHz	66MHz	3x	2 & 4, 3 & 5	2 & 3	2 & 4, 3 & 5
233MHz	66MHz	3.5x	2 & 4, 3 & 5	2 & 3	1 & 3, 2 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
90MHz	60MHz	1.5x	1 & 3, 4 & 6	2 & 3	1 & 3, 2 & 4
100MHz	66MHz	1.5x	2 & 4, 3 & 5	2 & 3	1 & 3, 2 & 4
120MHz	60MHz	2x	1 & 3, 4 & 6	2 & 3	1 & 3, 4 & 6
133MHz	66MHz	2x	2 & 4, 3 & 5	2 & 3	1 & 3, 4 & 6
150MHz	60MHz	2.5x	1 & 3, 4 & 6	2 & 3	3 & 5, 4 & 6
166MHz	66MHz	2.5x	2 & 4, 3 & 5	2 & 3	3 & 5, 4 & 6
180MHz	60MHz	3x	1 & 3, 4 & 6	2 & 3	2 & 4, 3 & 5
200MHz	66MHz	3x	2 & 4, 3 & 5	2 & 3	2 & 4, 3 & 5

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)					
CPU speed	Clock speed	Multiplier	JP5	JP6	JP10
166MHz	66MHz	2.5x	2 & 4, 3 & 5	2 & 3	3 & 5, 4 & 6
200MHz	66MHz	3x	2 & 4, 3 & 5	2 & 3	2 & 4, 3 & 5
233MHz	66MHz	3.5x	2 & 4, 3 & 5	2 & 3	1 & 3, 2 & 4

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	JP9
AM K5	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
AM K6	Open
Cyrix 6x86	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
Cyrix 6x86L	Open
IBM 6x86	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
IBM 6x86L	Open
Pentium	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
Pentium MMX	Open

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CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP16
3.3v	Pins 1 & 2 closed
3.52v	Pins 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)	
Voltage	JP15
2.8v	Pins 1 & 6 closed
2.9v	Pins 2 & 7 closed
3.2v	Pins 3 & 8 closed
3.3v	Pins 4 & 9 closed
3.5v	Pins 5 & 10 closed