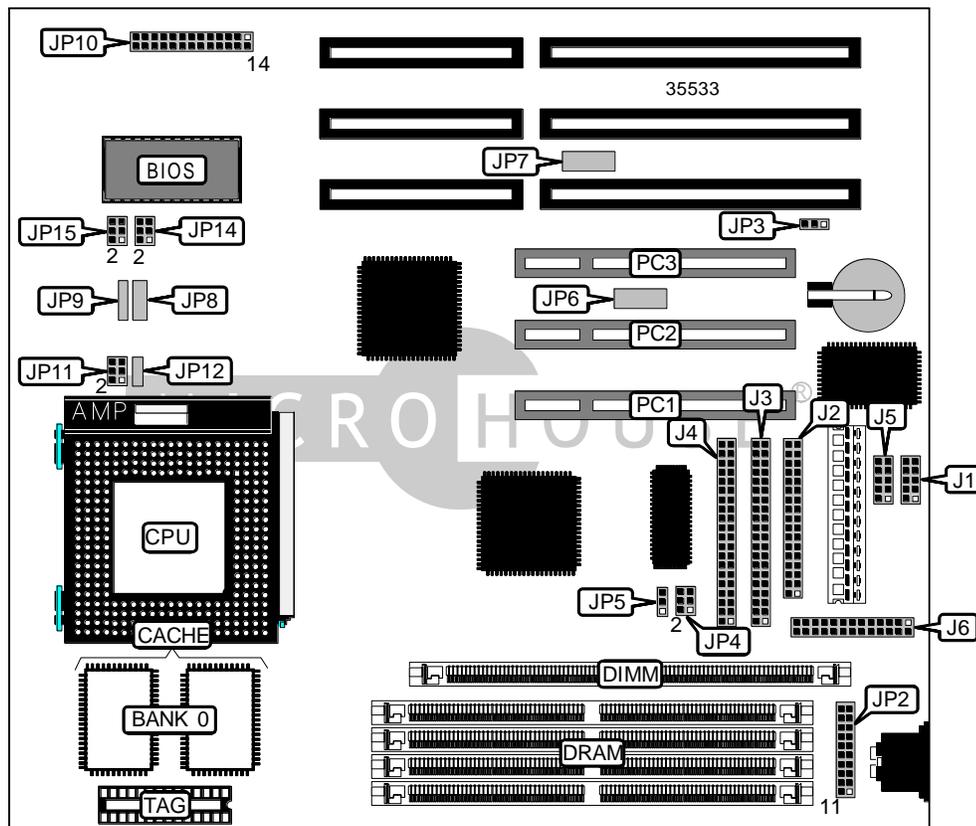


ZIDA TECHNOLOGIES INC.

5STX (VER. 1.10)

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/200/233MHz
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	220mm x 204mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	J1	IR connector	JP2/pins 16 - 20
Floppy drive interface	J2	PCI media connector	JP6
IDE interface 1	J3	ISA media connector	JP7
IDE interface 2	J4	Power LED & keylock	JP10/pins 1 - 5
Serial port 2	J5	Green PC connector	JP10/pins 7 & 8
Parallel port	J6	Speaker	JP10/pins 10 - 13
USB connector 1	JP2/pins 1 - 5	IDE interface LED	JP10/pins 14 & 15
PS/2 mouse interface	JP2/pins 6 - 10	Reset switch	JP10/pins 22 & 23
USB connector 2	JP2/pins 11 - 15	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP3	Pins 2 & 3 closed
CMOS memory clear	JP3	Pins 1 & 2 closed
í Factory configured - do not alter	JP8	Unidentified
í Factory configured - do not alter	JP9	Unidentified
í Factory configured - do not alter	JP12	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
96MB	(2) 8M x 36	(2) 4M x 36

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
128MB	(1) 16M x 64
256MB	(1) 32M x 64

Note: Board accepts SDRAM memory.

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	JP4	JP5	JP11
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
200MHz	75MHz	2x	1 & 3, 4 & 6	1 & 2	1 & 3, 4 & 6

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (IBM 6X86)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP11
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
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	JP4	JP5	JP11
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.

CPU SPEED SELECTION (AM K6)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP11
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	JP4	JP5	JP11
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
200MHz	66MHz	3x	2 & 4, 3 & 5	2 & 3	2 & 4, 3 & 5

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL MMX)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP11
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 VOLTAGE SELECTION		
Voltage	JP14	JP15
2.8v	1 & 3, 4 & 6	1 & 3, 2 & 4
2.9v	1 & 3, 4 & 6	2 & 4, 3 & 5
3.2v	3 & 5, 4 & 6	1 & 3, 2 & 4
3.4v	3 & 5, 4 & 6	1 & 3, 4 & 6
3.5v	3 & 5, 4 & 6	3 & 5, 4 & 6