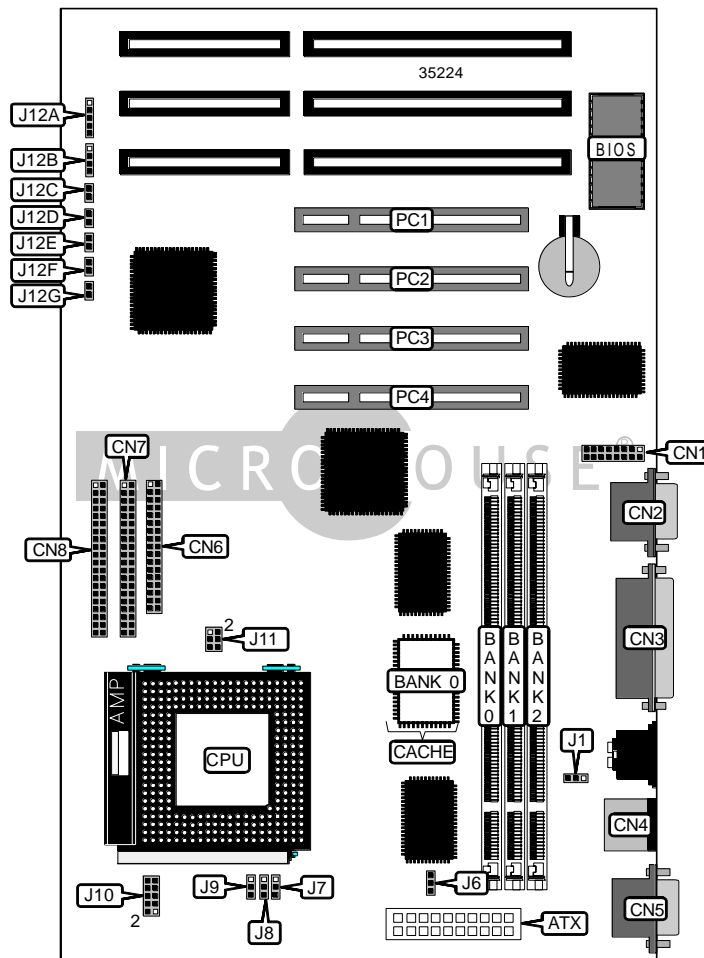


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P55KTX

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/200/233/266/300/333MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector
NPU Options	None



Continued on next page. . .

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P 5 5 K T X

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	CPU fan power	J6
USB connector	CN1	Power LED & keylock	J12A
Serial port 2	CN2	Speaker	J12B
Parallel port	CN3	Reset switch	J12C
PS/2 mouse port	CN4	Green PC LED	J12D
Serial port 1	CN5	Turbo LED	J12E
Floppy drive interface	CN6	IDE interface LED	J12F
IDE interface 1	CN7	Soft off power supply	J12G
IDE interface 2	CN8	32-bit PCI slots	PC1 – PC4
IR connector	J3		

Note: The location of J3 is unidentified.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Keyboard power on disabled	J1	Pins 1 & 2 closed
Keyboard power on enabled	J1	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
164MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64

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P 5 5 K T X

... continued from previous page

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION	
Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
150MHz	60MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	Open
200MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
150MHz	60MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	Open
200MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	Open
166MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	3 & 4
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3	3 & 4
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open
266MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	3 & 4
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

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P 5 5 K T X

... continued from previous page

CPU SPEED SELECTION (IBM 6X86MX)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	Open
166MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	3 & 4
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3	3 & 4
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open
266MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	3 & 4
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	Open
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	Open
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3	Open
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3	Open
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

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P 5 5 K T X

... continued from previous page

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	Open
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	J7	J8	J9	J11
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	Open
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3	Open
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3	Open
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION	
Voltage	J10
2.0v	Pins 1 & 2 closed
2.8v	Pins 3 & 4 closed
2.9v	Pins 5 & 6 closed
3.2v	Pins 7 & 8 closed
3.5v	Pins 9 & 10 closed