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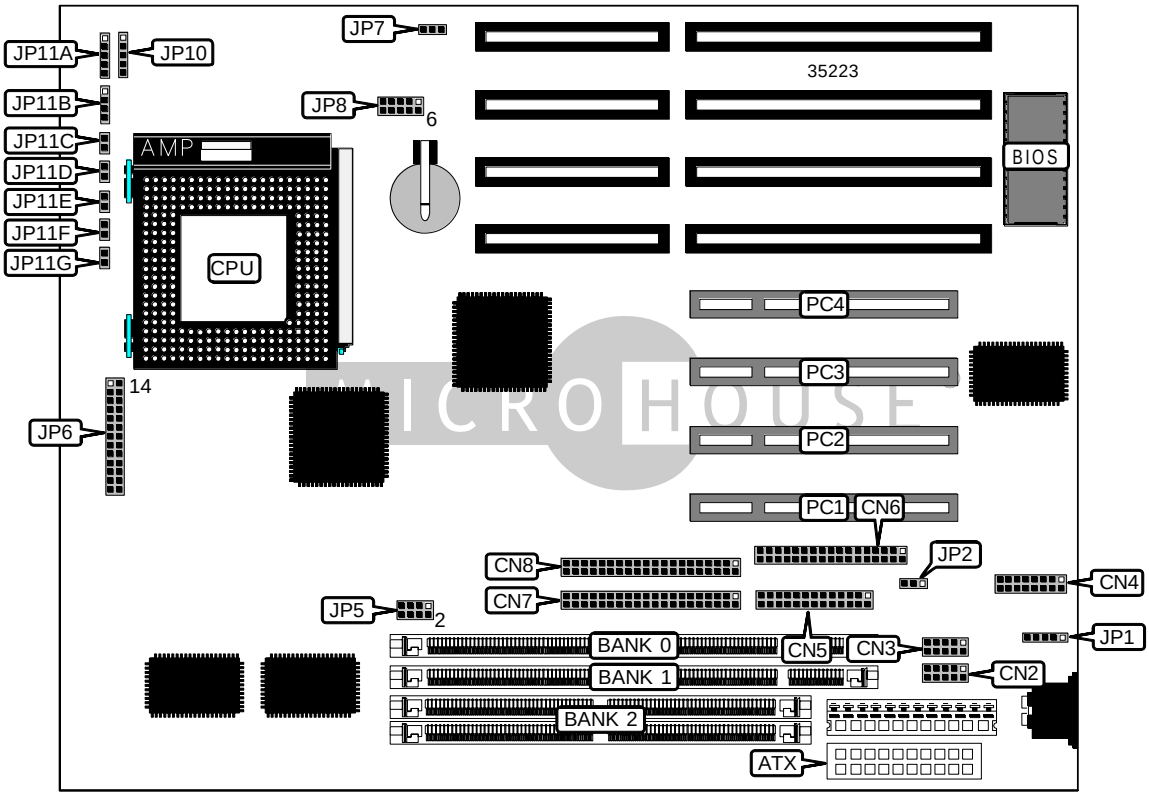
P 5 5 - V P X

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	100/120/133/150/166/188/200/225/233/266/300/333MHz
Chip Set	VIA
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 connector, ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	IR connector	JP10
Serial port 1	CN2	Power LED & keylock	JP11A
Serial port 2	CN3	Speaker	JP11B
USB connector	CN4	Reset switch	JP11C
Parallel port	CN5	Green PC LED	JP11D
Floppy drive interface	CN6	Turbo LED	JP11E
IDE interface 2	CN7	IDE interface LED	JP11F
IDE interface 1	CN8	Soft off power supply	JP11G
PS/2 mouse interface	JP1	32-bit PCI slots	PC1 – PC4
CPU fan power	JP7		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Keyboard power on disabled	JP2	Pins 1 & 2 closed
Keyboard power on enabled	JP2	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	**Bank 2**
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
256MB	(2) 32M 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

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DIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
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.		

DIMM VOLTAGE CONFIGURATION	
Voltage	**JP5**
í 3.3v	Pins 5 & 6, 7 & 8 closed
5v	Pins 1 & 2, 3 & 4 closed

CACHE CONFIGURATION
Note: The location of the 256KB/512KB cache is unidentified.

CPU SPEED SELECTION (CX 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
150MHz	60MHz	2x	Pins 2 & 15 closed
166MHz	66MHz	2x	Pins 3 & 16 closed
200MHz	75MHz	2x	Pins 4 & 17 closed

CPU SPEED SELECTION (IBM 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
150MHz	60MHz	2x	Pins 2 & 15 closed
166MHz	66MHz	2x	Pins 3 & 16 closed
200MHz	75MHz	2x	Pins 4 & 17 closed

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CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
166MHz	66MHz	2x	Pins 3 & 16 closed
166MHz	60MHz	2.5x	Pins 5 & 18 closed
200MHz	75MHz	2x	Pins 4 & 17 closed
200MHz	66MHz	2.5x	Pins 6 & 19 closed
233MHz	75MHz	2.5x	Pins 7 & 20 closed
233MHz	66MHz	3x	Pins 8 & 21 closed
266MHz	75MHz	3x	Pins 9 & 22 closed
266MHz	66MHz	3.5x	Pins 10 & 23 closed

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
166MHz	66MHz	2x	Pins 3 & 16 closed
166MHz	60MHz	2.5x	Pins 5 & 18 closed
200MHz	75MHz	2x	Pins 4 & 17 closed
200MHz	66MHz	2.5x	Pins 6 & 19 closed
233MHz	75MHz	2.5x	Pins 7 & 20 closed
233MHz	66MHz	3x	Pins 8 & 21 closed
266MHz	75MHz	3x	Pins 9 & 22 closed
266MHz	66MHz	3.5x	Pins 10 & 23 closed

CPU SPEED SELECTION (AM K5)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
100MHz	66MHz	1.5x	Pins 1 & 14 closed
120MHz	60MHz	2x	Pins 2 & 15 closed
133MHz	66MHz	2x	Pins 3 & 16 closed
150MHz	60MHz	2.5x	Pins 5 & 18 closed
166MHz	66MHz	2.5x	Pins 6 & 19 closed
188MHz	75MHz	2.5x	Pins 7 & 20 closed
200MHz	66MHz	3x	Pins 8 & 21 closed

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CPU SPEED SELECTION (AM K6)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
166MHz	66MHz	2.5x	Pins 6 & 19 closed
200MHz	66MHz	3x	Pins 8 & 21 closed
225MHz	75MHz	3x	Pins 9 & 22 closed
233MHz	66MHz	3.5x	Pins 10 & 23 closed
266MHz	66MHz	4x	Pins 11 & 24 closed
300MHz	66MHz	4.5x	Pins 12 & 25 closed
333MHz	66MHz	5x	Pins 13 & 26 closed

CPU SPEED SELECTION (INTEL)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
100MHz	66MHz	1.5x	Pins 1 & 14 closed
120MHz	60MHz	2x	Pins 2 & 15 closed
133MHz	66MHz	2x	Pins 3 & 16 closed
150MHz	60MHz	2.5x	Pins 5 & 18 closed
166MHz	66MHz	2.5x	Pins 6 & 19 closed
188MHz	75MHz	2.5x	Pins 7 & 20 closed
200MHz	66MHz	3x	Pins 8 & 21 closed

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	**Clock speed**	**Multiplier**	**JP6**
166MHz	66MHz	2.5x	Pins 6 & 19 closed
200MHz	66MHz	3x	Pins 8 & 21 closed
225MHz	75MHz	3x	Pins 9 & 22 closed
233MHz	66MHz	3.5x	Pins 10 & 23 closed
266MHz	66MHz	4x	Pins 11 & 24 closed
300MHz	66MHz	4.5x	Pins 12 & 25 closed
333MHz	66MHz	5x	Pins 13 & 26 closed

CPU VOLTAGE SELECTION	
Voltage	**JP8**
2.0v	Pins 1 & 6 closed
2.2v	Pins 5 & 10 closed
2.8v	Pins 2 & 7 closed
2.9v	Pins 3 & 8 closed
3.2v	Pins 4 & 9 closed