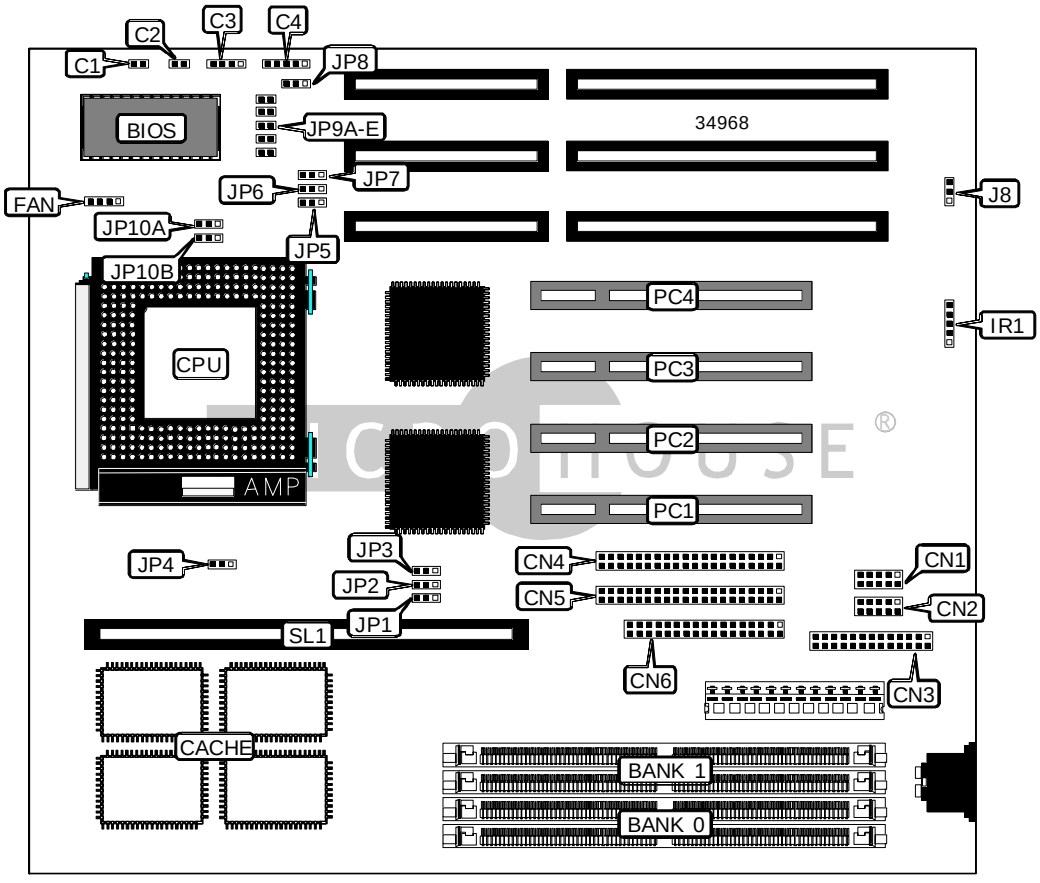
PC WAVE, INC.
M 5 5 8

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 6X86MX/IBM 6X86/IBM 6X86L/IBM 6X86MX/AM K5/AM K6/Pentium/Pentium MMX/IDT C6
Processor Speed	75/90/100/120/133/150/166/180/200/233MHz
Chip Set	Intel VX Pro II
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, serial ports (2), cache slot
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
IDE interface LED	C1	IDE interface 2	CN4
Reset switch	C2	IDE interface 1	CN5
Speaker	C3	Floppy drive interface	CN6
Power LED & keylock	C4	Chassis fan power	FAN
Serial port 2	CN1	IR connector	IR1
Serial port 1	CN2	32-bit PCI slots	PC1 – PC4
Parallel port	CN3	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	J8	Pins 1 & 2 closed
CMOS memory clear	J8	Pins 2 & 3 closed
í Factory configured - do not alter	JP5	Unidentified
Flash BIOS voltage select 12v	JP8	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP8	Pins 2 & 3 closed

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
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory.		

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CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**SL1**
256KB (A)	None	None	256KB module installed
256KB (B)	(2) 32K x 32	None	Not installed
512KB (A)	None	None	512KB module installed
512KB (B)	(2) 32K x 32	(2) 32K x 32	Not installed
Note: The location of banks 0 & 1 are unidentified.			

CACHE JUMPER CONFIGURATION	
Size	**JP4**
256KB	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed

CPU SPEED SELECTION (CX 6X86)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (IBM 6X86)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

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CPU SPEED SELECTION (IBM 6X86L)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86MX)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (IBM 6X86MX)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K5)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

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CPU SPEED SELECTION (AM K6)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (IDT C6)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
150MHz	50MHz	3x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
180MHz	60MHz	3x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL MMX)							
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP6**	**JP7**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

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CPU TYPE SELECTION		
Type	**JP10A**	**JP10B**
AM K5	Pins 2 & 3 closed	Pins 2 & 3 closed
AM K6	Pins 1 & 2 closed	Pins 1 & 2 closed
CX 6X86	Pins 2 & 3 closed	Pins 2 & 3 closed
CX 6X86L	Pins 1 & 2 closed	Pins 1 & 2 closed
CX 6X86MX	Pins 1 & 2 closed	Pins 1 & 2 closed
IBM 6X86	Pins 2 & 3 closed	Pins 2 & 3 closed
IBM 6X86L	Pins 1 & 2 closed	Pins 1 & 2 closed
IBM 6X86MX	Pins 1 & 2 closed	Pins 1 & 2 closed
IDT C6	Pins 2 & 3 closed	Pins 2 & 3 closed
P54C	Pins 2 & 3 closed	Pins 2 & 3 closed
P55C	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU VOLTAGE SELECTION					
Voltage	**JP9A**	**JP9B**	**JP9C**	**JP9D**	**JP9E**
2.5v	Open	Open	Open	Open	Open
2.8v	Open	Open	Open	Open	Closed
2.9v	Open	Open	Open	Closed	Open
3.2v	Open	Open	Closed	Open	Open
3.3v	Open	Closed	Open	Open	Open
3.5v	Closed	Open	Open	Open	Open