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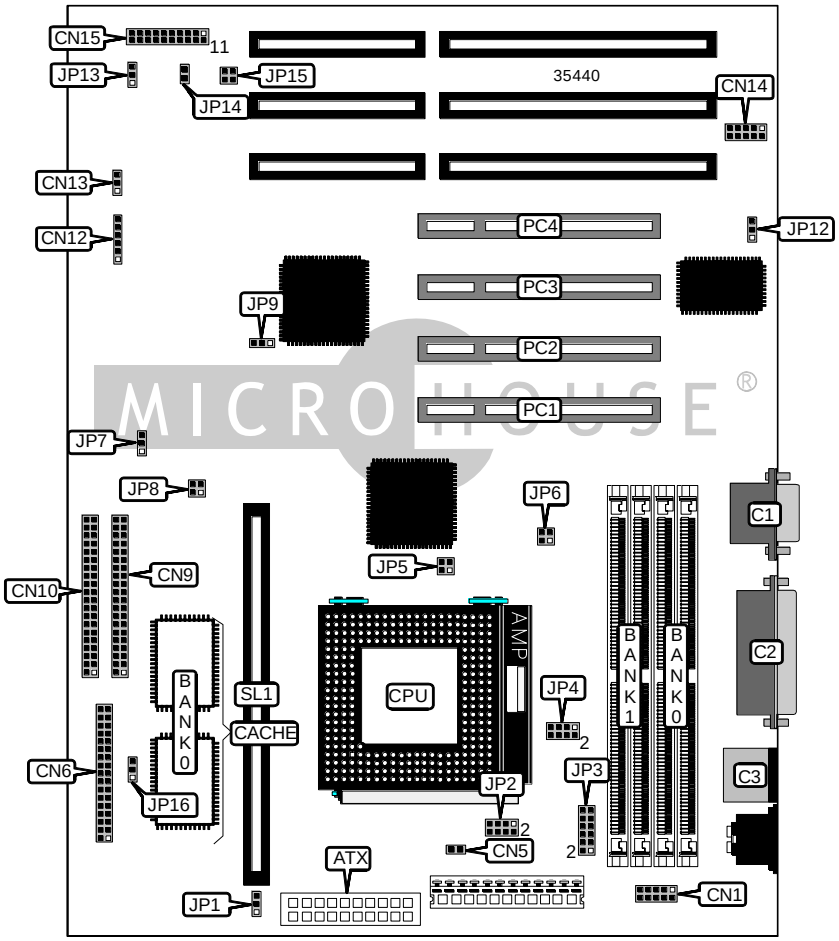
Device Type	Mainboard
Processor	CX 6X86/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI
Dimensions	284mm x 208mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, USB connector, ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	IDE interface LED	CN13
Serial port 2	C1	USB connector	CN14
Parallel port	C2	Power LED & keylock	CN15/pins 1 – 5
PS/2 mouse port	C3	Speaker	CN15/pins 7 – 10
Serial port 1	CN1	Green PC LED	CN15/pins 12 & 13
CPU fan power	CN5	Green PC connector	CN15/pins 15 – 17
Floppy drive interface	CN6	Reset switch	CN15/pins 19 & 20
IDE interface 2	CN9	32-bit PCI slots	PC1 – PC4
IDE interface 1	CN10	Cache slot	SL1
IR connector	CN12		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í ATX power supply enabled	JP1	Pins 2 & 3 closed
ATX power supply disabled	JP1	Pins 1 & 2 closed
í CMOS memory normal operation	JP9	Pins 1 & 2 closed
CMOS memory clear	JP9	Pins 2 & 3 closed
í On board I/O enabled	JP12	Pins 1 & 2 closed
On board I/O disabled	JP12	Pins 2 & 3 closed
í Factory configured - do not alter	JP13	Unidentified
í PS/2 mouse enabled	JP14	Closed
PS/2 mouse disabled	JP14	Open
í Keyboard clock select ISA clock	JP15	Pins 1 & 2 closed
Keyboard clock select 12MHz	JP15	Pins 3 & 4 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

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SIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
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
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
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory.		

CACHE CONFIGURATION		
Size	**Bank 0**	**SL1**
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed

CACHE JUMPER CONFIGURATION	
Size	**JP7**
256KB	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed

CACHE MODULE CONFIGURATION	
Type	**JP16**
Module with TAG	Pins 2 & 3 closed
Module without TAG	Pins 1 & 2 closed

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CPU SPEED SELECTION (CX 6X86)						
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP4**	**JP5**	**JP8**
120MHz	50MHz	2x	Open	1 & 2, 3 & 4, 5 & 6	Open	1 & 2, 3 & 4
133MHz	55MHz	2x	Open	1 & 2, 3 & 4, 5 & 6	Open	Open
150MHz	60MHz	2x	Open	1 & 2, 3 & 4, 5 & 6	Open	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K5)						
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP4**	**JP5**	**JP8**
75MHz	50MHz	1.5x	1 & 2	1 & 2, 3 & 4, 5 & 6	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	1 & 2	1 & 2, 3 & 4, 5 & 6	Open	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2, 3 & 4, 5 & 6	Open	3 & 4
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL)						
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP4**	**JP5**	**JP8**
75MHz	50MHz	1.5x	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open	1 & 2
100MHz	66MHz	1.5x	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open	3 & 4
120MHz	60MHz	2x	3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	Open	1 & 2
133MHz	66MHz	2x	3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	Open	3 & 4
150MHz	60MHz	2.5x	5 & 6, 7 & 8	1 & 2, 3 & 4, 5 & 6	Open	1 & 2
166MHz	66MHz	2.5x	5 & 6, 7 & 8	1 & 2, 3 & 4, 5 & 6	Open	3 & 4
200MHz	66MHz	3x	1 & 2, 7 & 8	1 & 2, 3 & 4, 5 & 6	Open	3 & 4
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP4**	**JP5**	**JP8**
150MHz	60MHz	2.5x	5 & 6, 7 & 8	Open	1 & 2, 3 & 4	1 & 2
166MHz	66MHz	2.5x	5 & 6, 7 & 8	Open	1 & 2, 3 & 4	3 & 4
200MHz	66MHz	3x	1 & 2, 7 & 8	Open	1 & 2, 3 & 4	3 & 4
Note: Pins designated should be in the closed position.						

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CPU VOLTAGE SELECTION (SINGLE)	
Voltage	**JP6**
í 3.45v	Pins 1 & 2 closed
3.52v	Pins 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)	
V core	**JP3**
2.5v	Pins 11 & 12 closed
2.7v	Pins 9 & 10 closed
2.8v	Pins 7 & 8 closed
2.9v	Pins 5 & 6 closed
í 3.43v	Pins 3 & 4 closed
3.52v	Pins 1 & 2 closed