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S 1 6 8 4 S

Device Type	Mainboard
Processor	Pentium Pro/Pentium II
Processor Speed	150/166/180/200/233/266/300MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	768MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro/Pentium II CPU)
BIOS	AMI, Award
Dimensions	305mm x 244mm
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), IR connector, USB connectors (2), ATX power connector
NPU Options	None
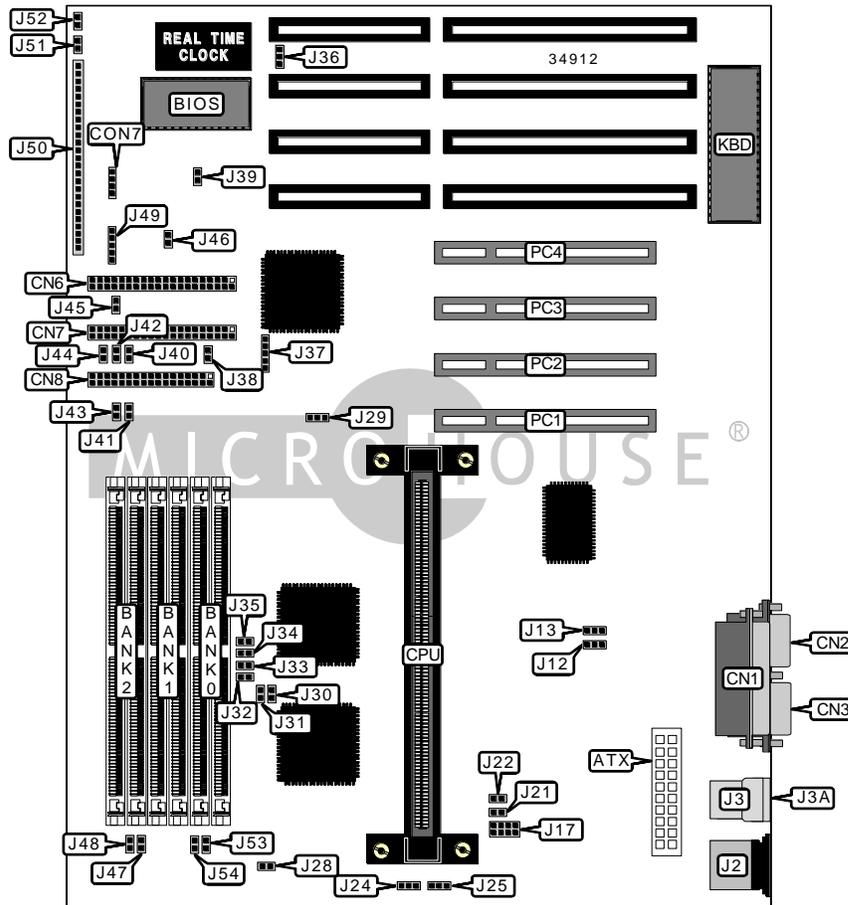
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	CPU fan fail warning	J28
Parallel port	CN1	IDE interface LED	J39
Serial port 2	CN2	Soft off power supply	J45
Serial port 1	CN3	Keylock	J49/pins 4 & 5
IDE interface 2	CN6	Soft off power supply	J50/pins 1 & 2
IDE interface 1	CN7	Green PC connector	J50/pins 3 & 4
Floppy drive interface	CN8	IR connector	J50/pins 8 - 10
PS/2 mouse port	J2	IDE interface LED	J50/pins 15 & 16
USB connector 1	J3	Power LED	J50/pins 18 - 20
USB connector 2	J3A	Reset switch	J50/pins 22 & 23
CPU fan power	J24	Speaker	J50/pins 24 - 27
CPU fan power	J25	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	CON7	Unidentified
Serial port used as serial port	J12	Pins 1 & 2 closed
Serial port used as IR connector	J12	Pins 2 & 3 closed
í Factory configured - do not alter	J13	Unidentified
í Factory configured - do not alter	J17	Unidentified
í Factory configured - do not alter	J21	Unidentified
í Factory configured - do not alter	J22	Unidentified
í Factory configured - do not alter	J29	Unidentified
í Flash BIOS voltage select 5v	J36	Pins 1 & 2 closed
Flash BIOS voltage select 12v	J36	Pins 2 & 3 closed
í Factory configured - do not alter	J46	Unidentified
í Factory configured - do not alter	J51	Unidentified
í CMOS memory normal operation	J52	Open
CMOS memory clear	J52	Closed
í Factory configured - do not alter	J53	Unidentified
í Factory configured - do not alter	J54	Unidentified

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SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 16M x 36	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 32M x 36	None	None
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None

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SIMM CONFIGURATION (CON'T)			
Size	**Bank 0**	**Bank 1**	**Bank 2**
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory.			

SIMM VOLTAGE CONFIGURATION			
Voltage	**J32**	**J33**	**J34**	**J35**
3.3v	Closed	Closed	Closed	Closed
í 5v	Open	Open	Open	Open

SIMM VOLTAGE CONFIGURATION (CON'T)			
Voltage	**J41**	**J43**	**J47**	**J48**
3.3v	Open	Open	Open	Open
í 5v	Closed	Closed	Closed	Closed

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro/Pentium II CPU.

CPU SPEED SELECTION (PENTIUM PRO)						
CPU speed	**Clock speed**	**Multiplier**	**J30**	**J31**	**J37**	**J38**
150MHz	60MHz	2.5x	Open	Closed	3 & 4	Closed
166MHz	66MHz	2.5x	Closed	Open	1 & 2	Closed
180MHz	60MHz	3x	Open	Closed	3 & 4	Closed
200MHz	66MHz	3x	Closed	Open	1 & 2	Closed
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (PENTIUM PRO, CON'T)					
CPU speed	**Clock speed**	**Multiplier**	**J40**	**J42**	**J44**
150MHz	60MHz	2.5x	Open	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed
180MHz	60MHz	3x	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Open	Closed

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CPU SPEED SELECTION (PENTIUM II)						
CPU speed	**Clock speed**	**Multiplier**	**J30**	**J31**	**J37**	**J38**
200MHz	66MHz	3x	Closed	Open	1 & 2	Closed
233MHz	66MHz	3.5x	Open	Closed	3 & 4	Closed
266MHz	66MHz	4x	Closed	Open	1 & 2	Closed
300MHz	66MHz	4.5x	Open	Closed	3 & 4	Closed
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (PENTIUM II, CON'T)					
CPU speed	**Clock speed**	**Multiplier**	**J40**	**J42**	**J44**
200MHz	66MHz	3x	Closed	Open	Closed
233MHz	66MHz	3.5x	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open
300MHz	66MHz	4.5x	Open	Closed	Open