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G A - 5 8 6 S

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/125/133/150/166/180/200MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector
NPU Options	None
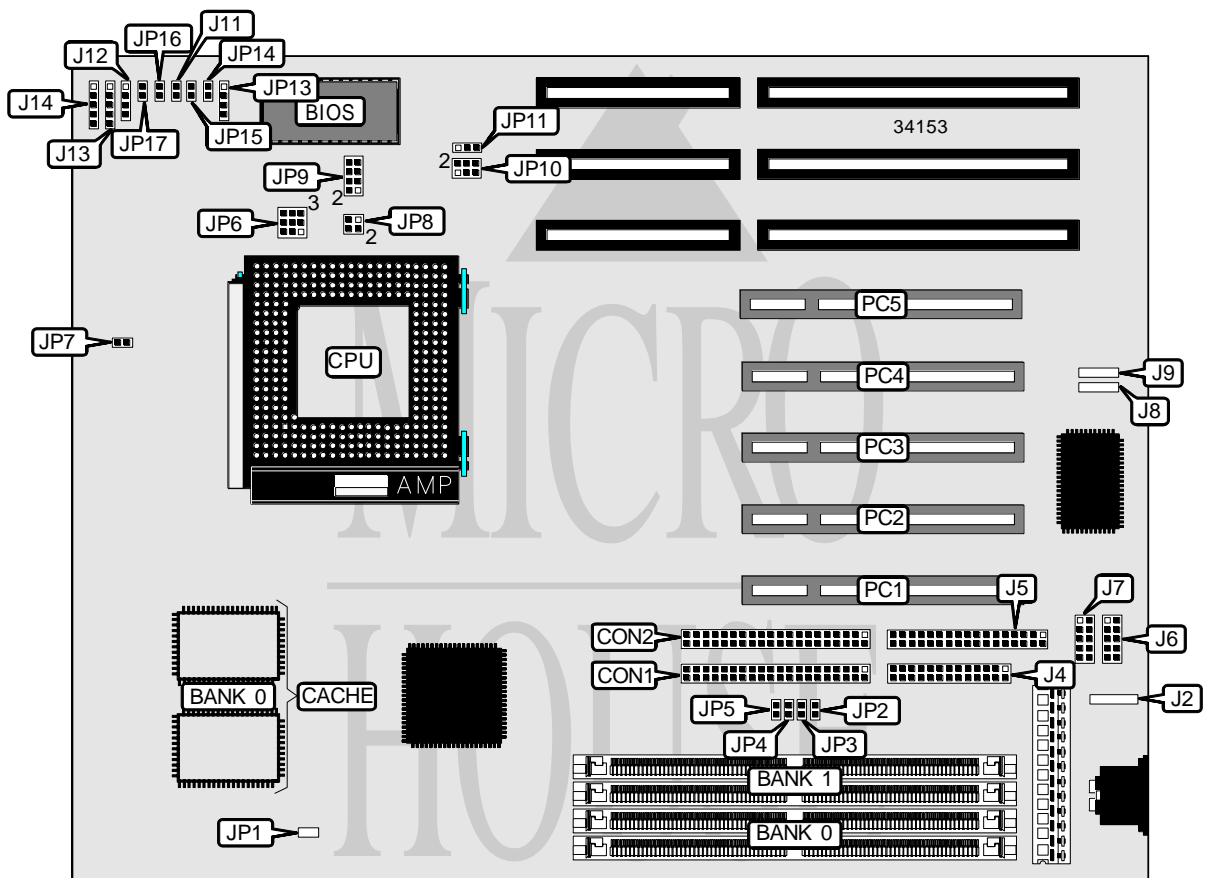
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
IDE interface 2	CON1	Power LED & keylock	J13
IDE interface 1	CON2	IR connector	J14
PS/2 mouse interface	J2	Chassis fan power	JP7
Parallel port	J4	IDE interface LED	JP13
Floppy drive interface	J5	Green PC connector	JP14
Serial port 1	J6	Green PC LED	JP15
Serial port 2	J7	Turbo switch	JP16
Reset switch	J11	Turbo LED	JP17
Speaker	J12	32-bit PCI slots	PC1 – PC5

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	J8	Unidentified
í Factory configured - do not alter	J9	Unidentified
í Factory configured - do not alter	JP1	Unidentified

DRAM 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
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	None
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**
256KB	(2) 32K x 32
512KB	(2) 64K x 32

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CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP8	JP10
120MHz	50MHz	2x	Closed	Open	Closed	1 & 2	2 & 3, 5 & 6
133MHz	60MHz	2x	Open	Closed	Closed	1 & 2	1 & 2, 4 & 5
150MHz	60MHz	2x	Open	Closed	Closed	1 & 2	2 & 3, 4 & 5
166MHz	66MHz	2x	Open	Closed	Open	1 & 2	1 & 2, 5 & 6
200MHz	55MHz	2x	Open	Open	Closed	1 & 2	2 & 3, 4 & 5
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP8	JP10
75MHz	50MHz	1.5x	Closed	Open	Closed	Open	2 & 3, 5 & 6
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	2 & 3, 4 & 5
100MHz	66MHz	1.5x	Open	Closed	Open	Open	1 & 2, 5 & 6
120MHz	60MHz	1.5x	Open	Closed	Closed	Open	2 & 3, 4 & 5
133MHz	66MHz	2x	Open	Closed	Open	1 & 2	1 & 2, 5 & 6
166MHz	66MHz	2.5x	Open	Closed	Open	1 & 2, 3 & 4	1 & 2, 5 & 6
200MHz	66MHz	3x	Open	Closed	Open	3 & 4	1 & 2, 5 & 6
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP8	JP10
75MHz	50MHz	1.5x	Closed	Open	Closed	Open	2 & 3, 5 & 6
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	2 & 3, 4 & 5
100MHz	66MHz	1.5x	Open	Closed	Open	Open	1 & 2, 5 & 6
120MHz	60MHz	2x	Open	Closed	Closed	1 & 2	2 & 3, 4 & 5
125MHz	50MHz	2.5x	Closed	Open	Closed	1 & 2, 3 & 4	2 & 3, 5 & 6
133MHz	66MHz	2x	Open	Closed	Open	1 & 2	1 & 2, 5 & 6
150MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2, 3 & 4	2 & 3, 4 & 5
166MHz	66MHz	2.5x	Open	Closed	Open	1 & 2, 3 & 4	1 & 2, 5 & 6
180MHz	60MHz	3x	Open	Closed	Closed	3 & 4	2 & 3, 4 & 5
200MHz	66MHz	3x	Open	Closed	Open	3 & 4	1 & 2, 5 & 6
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION	
Type	JP9
STD	Pins 5 & 6 closed
VRE	Pins 1 & 2 closed

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CPU TYPE SELECTION	
Type	**JP11**
CX M1	Pins 1 & 2 closed
CX 6X86-200	Pins 2 & 3 closed
AM K5	Pins 1 & 2 closed
Intel	Pins 1 & 2 closed

CPU VOLTAGE SELECTION	
Voltage	**JP6**
Single	Pins 4 & 7, 5 & 8, 6 & 9 closed
Dual	Pins 1 & 4, 2 & 5, 3 & 6 closed