AQUARIUS SYSTEMS, INC.
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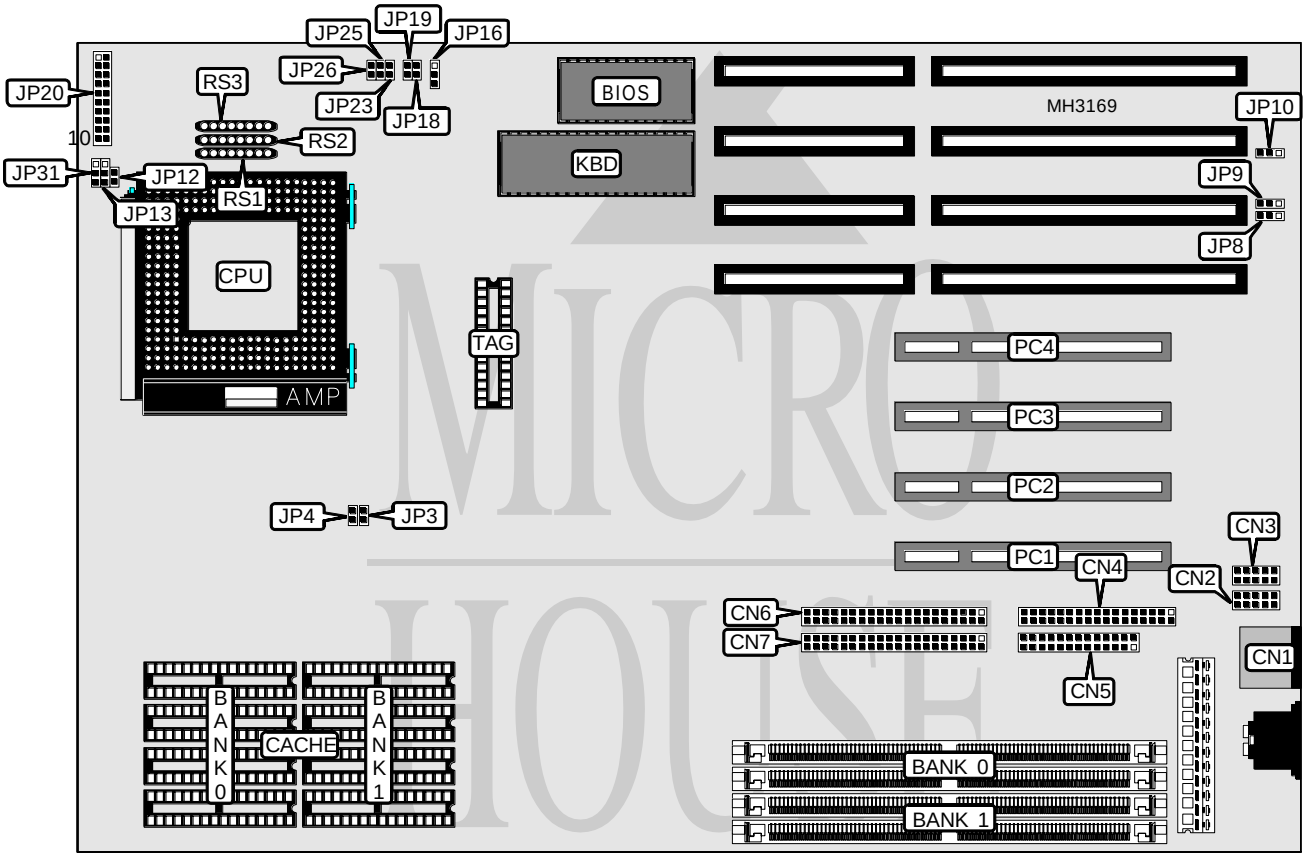
Processor	CXM1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/180MHz
Chip Set	OPTI
Max. Onboard DRAM	512MB
Cache	256/512/1024KB
BIOS	AMI
Dimensions	330mm x 220mm
I/O Options	32-bit PCI slots (4), green PC connector, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	Turbo switch	JP20 pins 6 & 16
Serial port 1	CN2	Turbo LED	JP20 pins 7 & 17
Serial port 2	CN3	Reset switch	JP20 pins 8 & 18
Floppy drive interface	CN4	Green PC connector	JP20 pins 9 & 19
Parallel port	CN5	IDE interface LED	JP20 pins 10 & 20
IDE interface 2	CN6	Speaker	JP20 pins 11 - 14
IDE interface 1	CN7	32-bit PCI slots	PC1 - PC4
Power LED & keylock	JP20 pins 1 - 5		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parallel port IRQ select IRQ7	JP10	pins 2 & 3 closed
Parallel port IRQ select IRQ5	JP10	pins 1 & 2 closed
í CMOS memory normal operation	JP16	pins 2 & 3 closed
CMOS memory clear	JP16	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 512K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE
130MB	(2) 256K x 36	(2) 16M x 36
132MB	(2) 512K x 36	(2) 16M x 36
136MB	(2) 1M x 36	(2) 16M x 36
144MB	(2) 2M x 36	(2) 16M x 36
160MB	(2) 4M x 36	(2) 16M x 36
192MB	(2) 8M x 36	(2) 16M x 36
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	NONE

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
264MB	(2) 1M x 36	(2) 32M x 36
272MB	(2) 2M x 36	(2) 32M x 36
288MB	(2) 4M x 36	(2) 32M x 36
320MB	(2) 8M x 36	(2) 32M x 36
384MB	(2) 16M x 36	(2) 32M x 36
512MB	(2) 32M x 36	(2) 32M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K/32K/64K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 16K/32K/64K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 32K/64K x 8

CACHE JUMPER CONFIGURATION		
Size	JP3	JP4
256KB	Open	Open
512KB	Open	Closed
1MB	Closed	Closed

CPU TYPE CONFIGURATION				
Type	JP12	RS1	RS2	RS3
CXM1	Open	Not installed	Installed	Not installed
AM K5	Open	Not installed	Not installed	Installed
Pentium	Closed	Installed	Not installed	Not installed

CPU SPEED CONFIGURATION (INTEL PENTIUM ONLY)				
Speed	JP13	JP18	JP19	JP31
75MHz	pins 1 & 2 closed	Open	Open	pins 1 & 2 closed
90MHz	pins 1 & 2 closed	Closed	Open	pins 1 & 2 closed
100MHz	pins 1 & 2 closed	Closed	Closed	pins 1 & 2 closed
120MHz	pins 2 & 3 closed	Closed	Open	pins 1 & 2 closed
133MHz	pins 2 & 3 closed	Closed	Closed	pins 1 & 2 closed
150MHz	pins 1 & 2 closed	Open	Open	pins 2 & 3 closed
180MHz	pins 1 & 2 closed	Closed	Open	pins 2 & 3 closed

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CPU SPEED CONFIGURATION (CXM1 & AM K5 ONLY)			
CPU type	Speed	JP13	JP31
CXM1	2.5x	pins 2 & 3 closed	pins 1 & 2 closed
CXM1	3x	pins 1 & 2 closed	pins 1 & 2 closed
AM K5	1x	pins 2 & 3 closed	pins 1 & 2 closed
AM K5	1.5x/2x/3x	pins 1 & 2 closed	pins 1 & 2 closed

CPU CLOCK SPEED CONFIGURATION (CXM1 & AM K5 ONLY)		
Speed	JP18	JP19
50MHz	Open	Open
60MHz	Closed	Open
66MHz	Closed	Closed

CPU VOLTAGE CONFIGURATION			
Voltage	JP23	JP25	JP26
3.3v	Closed	Open	Open
í 3.45v	Open	Closed	Open
3.6v	Open	Open	Closed

DMA CONFIGURATION		
DMA	JP8	JP9
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
í DMA 3	pins 2 & 3 closed	pins 2 & 3 closed