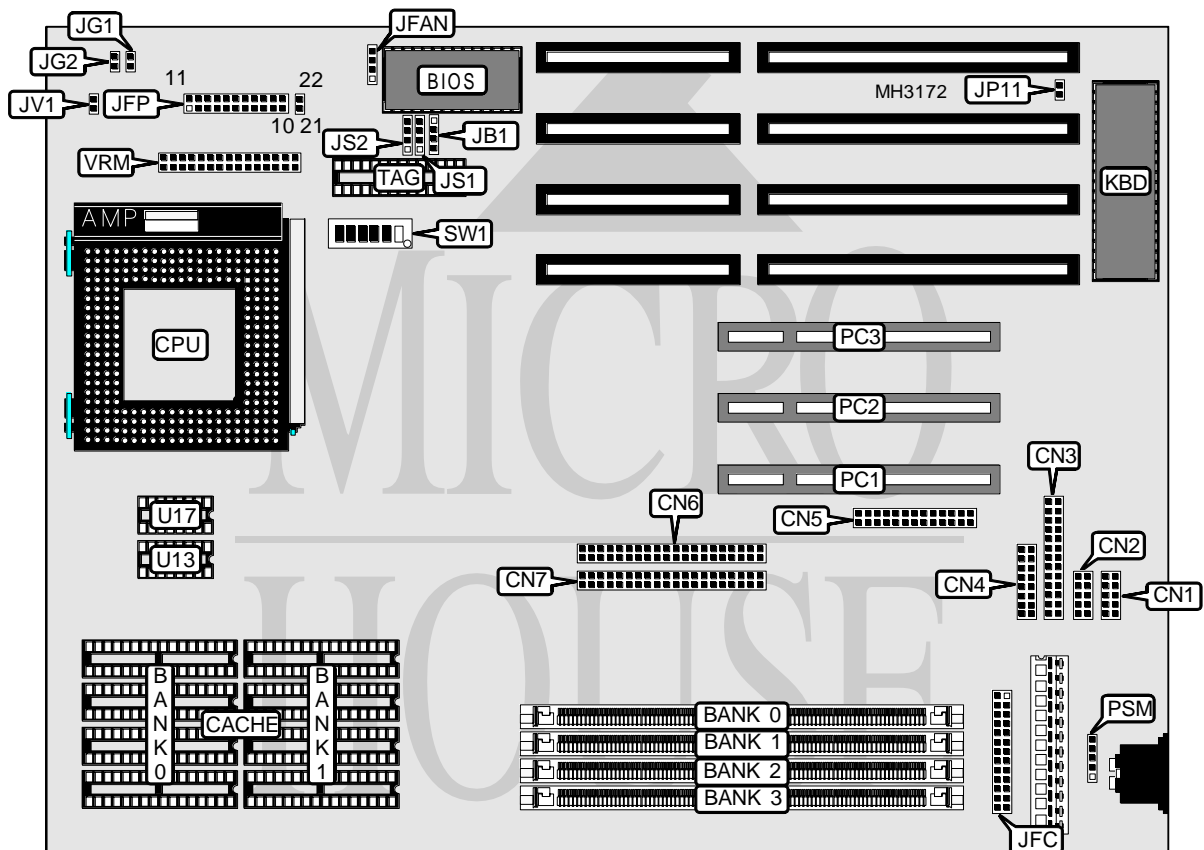


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Processor	CX M1/Pentium
Processor Speed	75/80/90/100/120/133MHz
Chip Set	SIS
Max. Onboard DRAM	512MB
Cache	256/512/1024KB
BIOS	Award
Dimensions	280mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA feature connector, VGA interface, VRM connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Speaker	JFP pins 6 - 10
Serial port 2	CN2	Turbo LED	JFP pins 12 & 13
Parallel port	CN3	Turbo switch	JFP pins 15 - 17
VGA interface	CN4	Reset switch	JFP pins 19 & 20
Floppy drive interface	CN5	IDE interface LED	JFP pins 21 & 22
IDE interface 2	CN6	Green PC connector	JG1
IDE interface 1	CN7	Green PC LED	JG2
External battery	JB1	32-bit PCI slots	PC1 - PC3
Chassis fan power	JFAN	PS/2 mouse interface	PSM
VGA feature connector	JFC	VRM connector	VRM
Power LED & keylock	JFP pins 1 - 5		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í PS/2 mouse IRQ12 enabled	JP11	Closed
PS/2 mouse IRQ12 disabled	JP11	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
4MB	NONE	NONE	(1) 1M x 36	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	NONE	NONE	(1) 2M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	NONE	NONE	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	NONE	NONE	(1) 4M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	NONE	NONE	(1) 2M x 36	(1) 2M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 8M x 36	NONE	NONE	NONE
32MB	NONE	NONE	(1) 8M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	NONE	NONE	(1) 4M x 36	(1) 4M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	NONE	NONE	(1) 16M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	NONE	NONE	(1) 8M x 36	(1) 8M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 32M x 36	NONE	NONE	NONE
128MB	NONE	NONE	(1) 32M x 36	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	NONE	NONE	(1) 16M x 36	(1) 16M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
136MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	(1) 16M x 36
136MB	(1) 16M x 36	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36
144MB	(1) 16M x 36	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36
144MB	(1) 2M x 36	(1) 2M x 36	(1) 16M x 36	(1) 16M x 36
160MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36
160MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36
192MB	(1) 16M x 36	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36
192MB	(1) 8M x 36	(1) 8M x 36	(1) 16M x 36	(1) 16M x 36
256MB	(1) 32M x 36	(1) 32M x 36	NONE	NONE
256MB	NONE	NONE	(1) 32M x 36	(1) 32M x 36
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
264MB	(1) 1M x 36	(1) 1M x 36	(1) 32M x 36	(1) 32M x 36
264MB	(1) 32M x 36	(1) 32M x 36	(1) 1M x 36	(1) 1M x 36
272MB	(1) 2M x 36	(1) 2M x 36	(1) 32M x 36	(1) 32M x 36
272MB	(1) 32M x 36	(1) 32M x 36	(1) 2M x 36	(1) 2M x 36
288MB	(1) 4M x 36	(1) 4M x 36	(1) 32M x 36	(1) 32M x 36
288MB	(1) 32M x 36	(1) 32M x 36	(1) 4M x 36	(1) 4M x 36
320MB	(1) 8M x 36	(1) 8M x 36	(1) 32M x 36	(1) 32M x 36
320MB	(1) 32M x 36	(1) 32M x 36	(1) 8M x 36	(1) 8M x 36
384MB	(1) 16M x 36	(1) 16M x 36	(1) 32M x 36	(1) 32M x 36
384MB	(1) 32M x 36	(1) 32M x 36	(1) 16M x 36	(1) 16M x 36
512MB	(1) 32M x 36	(1) 32M x 36	(1) 32M x 36	(1) 32M x 36

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	U13/U17	TAG
256KB	(4) 32K x 8	(4) 32K x 8	NONE	(1) 8K or (1) 16K x 8
256KB	NONE	NONE	(2) 32K x 32	(1) 8K or (1) 16K x 8
512KB (A)	(4) 64K x 8	(4) 64K x 8	NONE	(1) 16K x 8
512KB (B)	(4) 64K x 8	(4) 64K x 8	NONE	(1) 16K x 8
1MB	(4) 128K x 8	(4) 128K x 8	NONE	(1) 32K x 8
Note: U13 & U17 may not be present on all boards.				

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CACHE JUMPER CONFIGURATION		
Size	JS1	JS2
256KB	pins 1 & 2 closed	pins 2 & 3 closed
512KB (A)	pins 3 & 4 closed	pins 3 & 4 closed
512KB (B)	pins 2 & 3 closed	pins 2 & 3 closed
1MB	pins 2 & 3 closed	pins 1 & 2 closed
Note: 512KB (A) uses 128AK TAG chip and 512KB (B) uses 129AK TAG chip.		

CPU SPEED CONFIGURATION						
Speed	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	Off	Off	Off	Off	On	On
80MHz*	Off	Off	Off	On	On	On
90MHz	Off	Off	Off	Off	Off	On
100MHz	Off	Off	Off	Off	Off	Off
120MHz	Off	On	Off	Off	Off	On
120MHz*	On	Off	Off	On	On	On
133MHz	Off	On	Off	Off	Off	Off
Note: Speeds marked with an * are reserved for future CX M1 CPUs.						

CPU VOLTAGE CONFIGURATION	
Voltage	JV1
3.38v	Closed
3.52v	Open