AMERICAN MEGATRENDS, INC.
EXCALIBUR PCI-II PENTIUM ISA
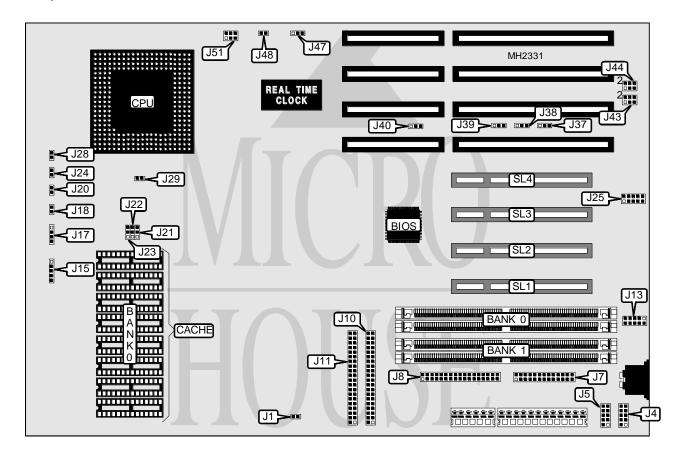
Processor	Pentium
Processor Speed	60/66MHz
Chip Set	AMI
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None

CONNECTIONS			
Purpose	Location	Purpose	Location
Green PC connector	J1	IDE interface LED	J28
PS/2 mouse port	J13	Serial port 1	J4
Power LED & keylock	J15	Serial port 2	J5
Speaker	J17	Parallel port	J7
Reset switch	J18	Floppy drive interface	J8
Turbo switch	J20	IDE interface (secondary)	J10
Turbo LED	J24	IDE interface (primary)	J11
Green PC connector	J25	32-bit PCI slots	SL1 - SL4

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Cache write mode select write back	J29	Open
Cache write mode select write through	J29	Closed
í Parallel port IRQ select IRQ7	J37	pins 1 & 2 closed
Parallel port IRQ select IRQ5	J37	pins 2 & 3 closed
í Serial port 2 IRQ select IRQ3	J38	pins 1 & 2 closed
Serial port 2 IRQ select IRQ4	J38	pins 2 & 3 closed
í Serial port 1 IRQ select IRQ4	J39	pins 1 & 2 closed
Serial port 1 IRQ select IRQ3	J39	pins 2 & 3 closed
í On board mouse enabled	J40	pins 1 & 2 closed
On board mouse disabled	J40	pins 2 & 3 closed
í Factory configured - do not alter	J47	Open
í CMOS memory normal operation	J48	Open
CMOS memory clear	J48	Closed
í Factory configured - do not alter	J51	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
20MB	(2) 512K x 36	(2) 2M x 36
32MB	(2) 2M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
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) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
80MB	(2) 2M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE

CACHE CONFIGURATION	
Size	Bank 0
256KB	(8) 32K x 8
512KB	(8) 64K x 8

CACHE JUMPER CONFIGURATION			
Size	J21	J22	J23
256KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

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CPU OUTPUT SIGNAL BUFFER CONFIGURATION		
Type	J30	J32
Normal system	Open	Open
Loaded system	Closed	Open
Extra loaded system	Closed	Closed
Note: The location of jumpers J30 & J32 are unidentified.		

DMA CHANNEL CONFIGURATION		
DMA channel	J43	J44
None	Open	Open
DRQ0	pins 1 & 2 closed	pins 1 & 2 closed
DRQ1	pins 3 & 4 closed	pins 3 & 4 closed
DRQ3	pins 5 & 6 closed	pins 5 & 6 closed