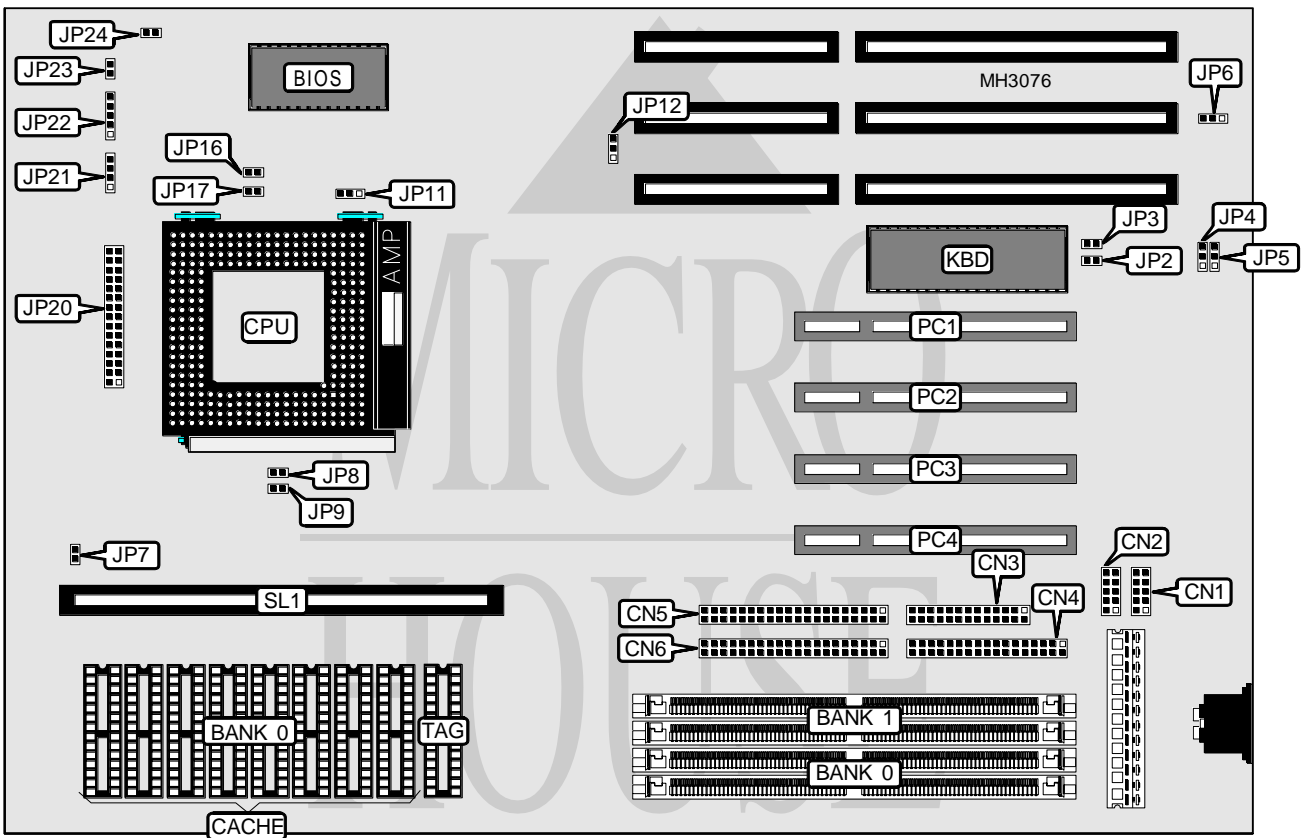


# ATC/UNITRON COMPUTERS & COMPUTER PARTS

## M B 5 3 2

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), cache slot
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	VRM module connector	JP20
Serial port 2	CN2	Speaker	JP21
Parallel port	CN3	Power LED & keylock	JP22
Floppy drive interface	CN4	Reset switch	JP23
IDE interface 2	CN5	Green PC connector	JP24
IDE interface 1	CN6	32-bit PCI slots	PC1 - PC4
IDE interface LED	JP7	Cache slot	SL1

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## MB532

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP2	Open
CMOS memory clear	JP2	Closed
í BIOS type select EPROM/5v flash	JP3	Open
BIOS type select 12v flash	JP3	Closed
í Factory configured - do not alter	JP6	N/A
AT bus clock select CPU speed/8	JP12	pins 2 & 3 closed
AT bus clock select CPU speed/6	JP12	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	NONE
8MB	NONE	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	NONE	(2) 2M x 36
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	NONE
32MB	NONE	(2) 4M x 36
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	NONE
64MB	NONE	(2) 8M x 36
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 2M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	TAG	SL1
256KB (A)	(8) 32K x 8	(1) 8K x 8	Not installed
256KB (B)	NONE	(1) 8K x 8	Installed
512KB (A)	(8) 64K x 8	(1) 16K x 8	Not installed
512KB (B)	NONE	(1) 16K x 8	Installed

Note: The location of Bank 0 and TAG is not exact. It is shown for approximate location purposes only.

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## MB532

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CPU CLOCK SPEED CONFIGURATION		
Speed	JP8	JP9
50MHz	Closed	Closed
60MHz	Open	Closed
66MHz	Closed	Open

CPU INTERNAL CLOCK SPEED CONFIGURATION		
Speed	JP16	JP17
1.5x	Open	Open
2x	Closed	Open
2.5x	Closed	Closed
3x	Open	Closed

CPU VOLTAGE CONFIGURATION	
Voltage	JP11
3.3v	pins 2 & 3 closed
3.5v	pins 1 & 2 closed

DMA CONFIGURATION		
DMA	JP4	JP5
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
DMA 3	pins 2 & 3 closed	pins 2 & 3 closed