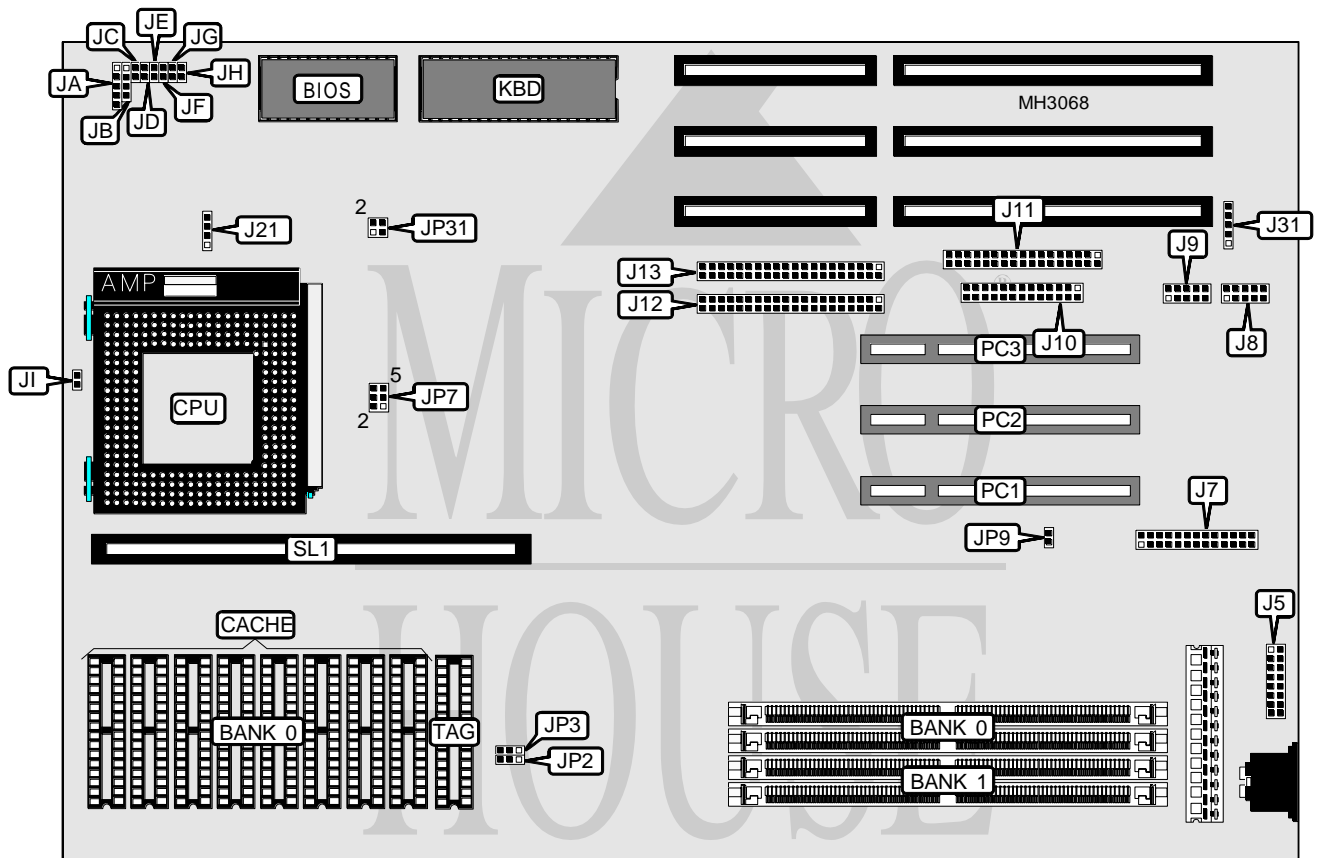


# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA - 586 AVS

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/180/200MHz
<b>Chip Set</b>	SIS
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512/1024KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	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, cache slot
<b>NPU Options</b>	None



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## GA - 586AVS

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CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JA	Serial port 1	J8
Speaker	JB	Serial port 2	J9
Turbo LED	JC	Parallel port	J10
Turbo switch	JD	Floppy drive interface	J11
Reset switch	JE	IDE interface 1	J12
Green PC LED	JF	IDE interface 2	J13
Green PC connector	JG	External battery	J21
IDE interface LED	JH	PS/2 mouse interface	J31
Chassis fan power	JI	32-bit PCI slots	PC1 - PC3
VGA interface	J5	Cache slot	SL1
VGA feature connector	J7		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í On board VGA IRQ disabled	JP9	Open
On board VGA IRQ enabled	JP9	Closed
í CMOS memory normal operation	J21	pins 2 & 3 closed
CMOS memory clear	J21	Open
Battery type select external	J21	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(2) 512K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
6MB	(2) 512K x 36	(2) 256K 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
10MB	(2) 1M x 36	(2) 256K x 36
12MB	(2) 512K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K 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
18MB	(2) 2M x 36	(2) 256K x 36
20MB	(2) 512K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K 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	(2) 2M x 36	(2) 2M x 36
34MB	(2) 256K x 36	(2) 4M x 36
34MB	(2) 4M x 36	(2) 256K x 36

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# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA - 586 AVS

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
36MB	(2) 512K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K 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	(2) 4M x 36	(2) 4M x 36
66MB	(2) 256K x 36	(2) 8M x 36
66MB	(2) 8M x 36	(2) 256K x 36
68MB	(2) 512K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K 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 or (1) 32K x 8	Not installed
256KB (B)	NONE	NONE	Installed
512KB	(8) 64K x 8	(1) 16K or (1) 32K x 8	Not installed
1MB	(8) 128K x 8	(1) 32K x 8	Not installed

CACHE JUMPER CONFIGURATION		
Size	JP2	JP3
256KB (A)	pins 1 & 2 closed	pins 1 & 2 closed
256KB (B)	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 2 & 3 closed
1MB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION		
Speed	JP7	JP31
75MHz	pins 1 & 2 closed	Open
90MHz	pins 3 & 4 closed	Open
100MHz	pins 1 & 2, 5 & 6 closed	Open
120MHz	pins 3 & 4 closed	pins 1 & 2 closed
133MHz	pins 1 & 2, 5 & 6 closed	pins 1 & 2 closed
150MHz	pins 3 & 4 closed	pins 1 & 2, 3 & 4 closed
166MHz	pins 1 & 2, 5 & 6 closed	pins 1 & 2, 3 & 4 closed
180MHz	pins 3 & 4 closed	pins 3 & 4 closed
200MHz	pins 1 & 2, 5 & 6 closed	pins 3 & 4 closed