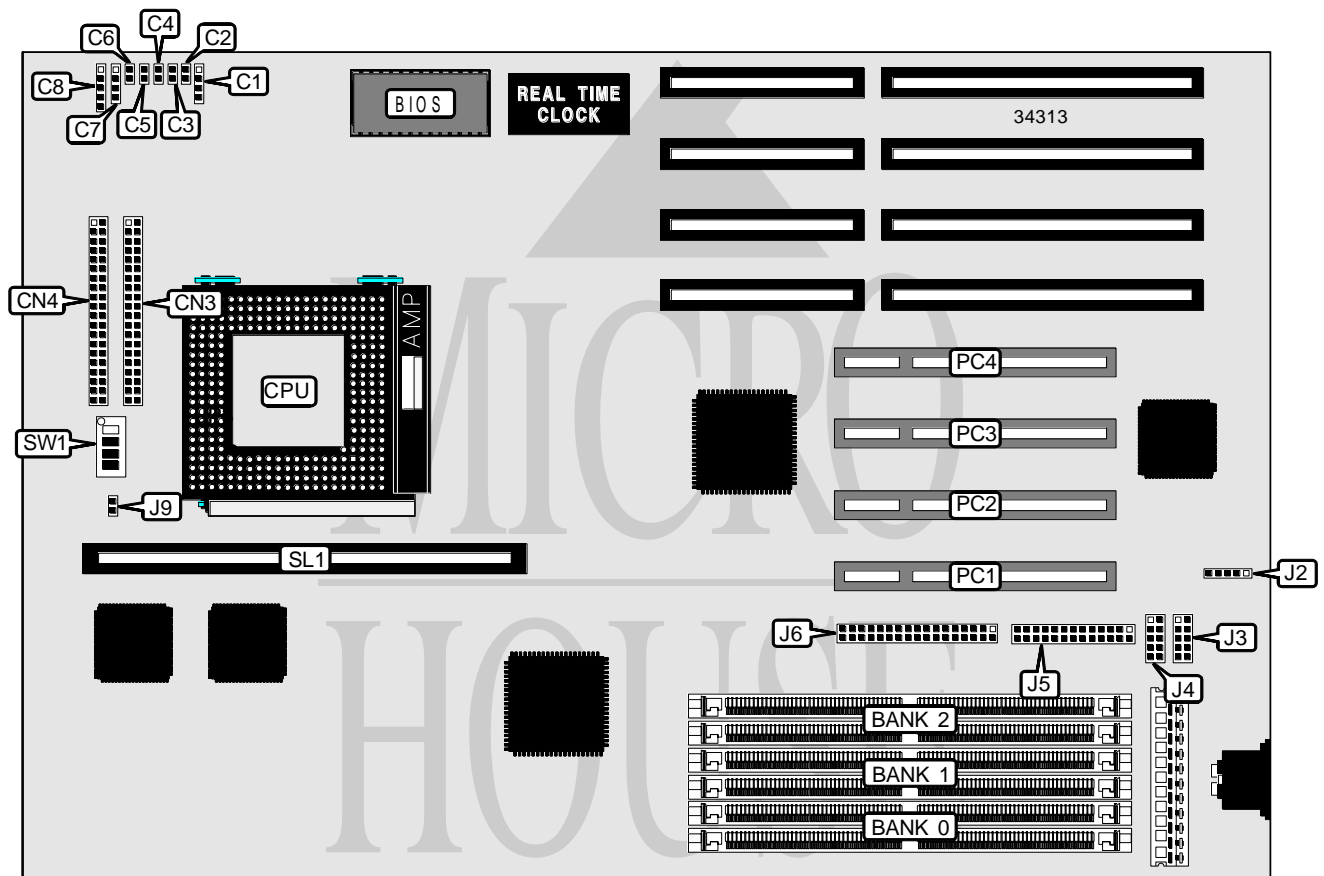


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-586HX (VER. 2)

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
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 interface, serial ports (2), cache slot
NPU Options	None



Continued on next page. . .

GIGA-BYTE TECHNOLOGY CO., LTD.
GA-586HX (VER. 2)

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface LED	C1	IDE interface 2	CN4
Green PC connector	C2	PS/2 mouse interface	J2
Green PC LED	C3	Serial port 1	J3
Reset switch	C4	Serial port 2	J4
Turbo switch	C5	Parallel port	J5
Turbo LED	C6	Floppy drive interface	J6
Speaker	C7	Chassis fan power	J9
Power LED & keylock	C8	32-bit PCI slots	PC1 – PC4
IDE interface 1	CN3	Cache slot	SL1

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 2M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
48MB	(2) 4M x 36	(2) 2M x 36	None
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36

Continued on next page...

GIGA-BYTE TECHNOLOGY CO., LTD.
GA-586HX (VER. 2)

... continued from previous page

DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
136MB	(2) 16M x 36	(2) 1M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
200MB	(2) 16M x 36	(2) 8M x 36	(2) 1M x 36
208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 32M x 36	None	None
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
280MB	(2) 32M x 36	(2) 2M x 36	(2) 1M x 36
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
296MB	(2) 32M x 36	(2) 4M x 36	(2) 1M x 36
304MB	(2) 32M x 36	(2) 4M x 36	(2) 2M x 36
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
328MB	(2) 32M x 36	(2) 8M x 36	(2) 1M x 36
336MB	(2) 32M x 36	(2) 8M x 36	(2) 2M x 36
352MB	(2) 32M x 36	(2) 8M x 36	(2) 4M x 36
384MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None
392MB	(2) 32M x 36	(2) 16M x 36	(2) 1M x 36
400MB	(2) 32M x 36	(2) 16M x 36	(2) 2M x 36
416MB	(2) 32M x 36	(2) 16M x 36	(2) 4M x 36
448MB	(2) 32M x 36	(2) 16M x 36	(2) 8M x 36
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None

Note: Board accepts EDO memory.

Continued on next page...

GIGA-BYTE TECHNOLOGY CO., LTD.
GA-586HX (VER. 2)

... continued from previous page

CACHE CONFIGURATION	
Size	SL1
256KB	256KB module installed
512KB	512KB module installed

CPU SPEED SELECTION (CYRIX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
120MHz	50MHz	1.5x	Off	Off	On	On
133MHz	55MHz	1.5x	Off	Off	Off	Off
150MHz	60MHz	1.5x	Off	Off	Off	On
166MHz	66MHz	1.5x	Off	Off	On	Off

CPU SPEED SELECTION (AMD)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
75MHz	50MHz	1.5x	Off	Off	On	On
90MHz	60MHz	1.5x	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	On	Off
120MHz	60MHz	2x	On	Off	Off	On
133MHz	66MHz	2x	On	Off	On	Off
166MHz	66MHz	2.5x	On	On	On	Off
200MHz	66MHz	3x	Off	On	On	Off

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
75MHz	50MHz	1.5x	Off	Off	On	On
90MHz	60MHz	1.5x	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	On	Off
120MHz	60MHz	2x	On	Off	Off	On
133MHz	66MHz	2x	On	Off	On	Off
150MHz	60MHz	2.5x	On	On	Off	On
166MHz	66MHz	2.5x	On	On	On	Off
180MHz	60MHz	3x	Off	On	Off	On
200MHz	66MHz	3x	Off	On	On	Off