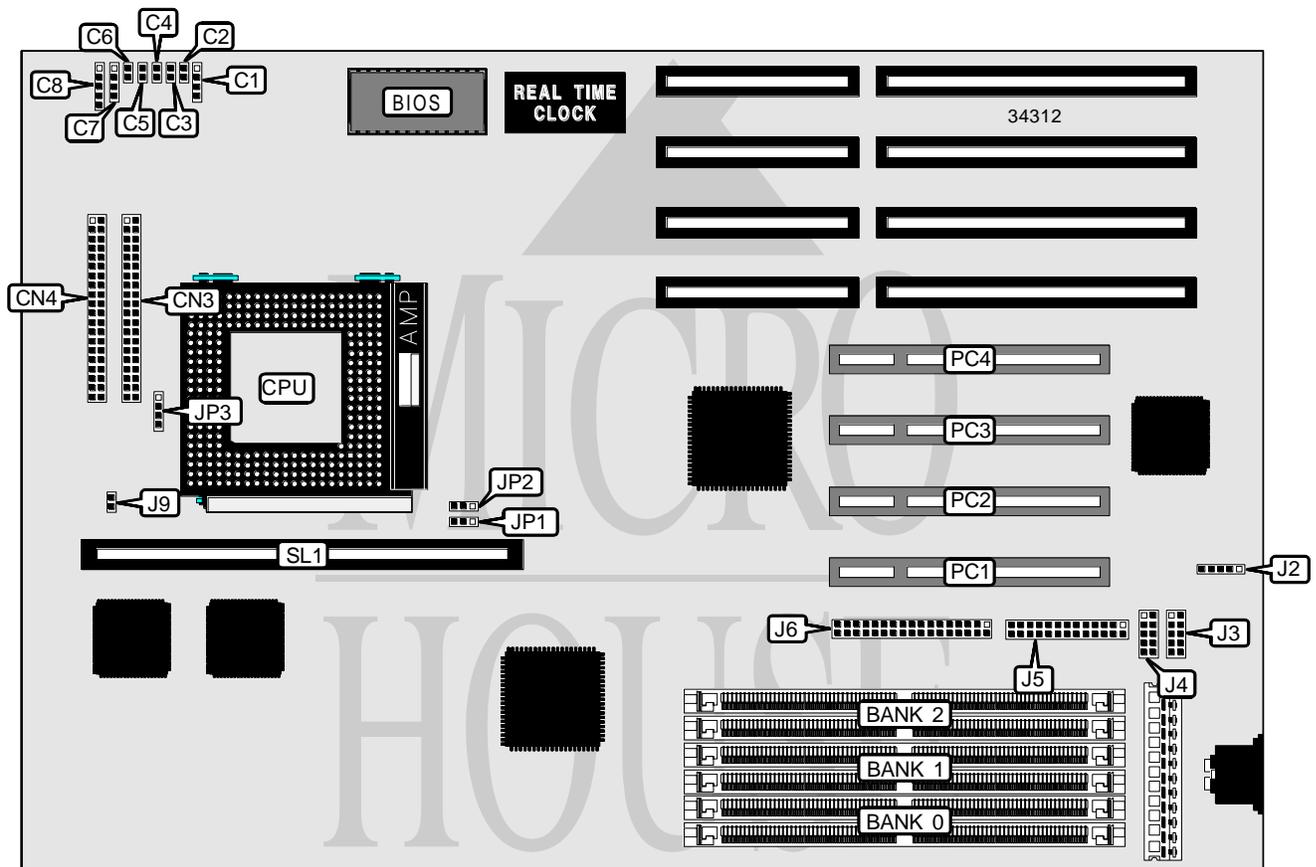


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-586HX (VER. 1)

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



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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

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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.

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

CPU SPEED SELECTION (CYRIX)					
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3
120MHz	50MHz	1.5x	1 & 2	1 & 2	Open
150MHz	60MHz	1.5x	1 & 2	2 & 3	Open
166MHz	66MHz	1.5x	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)					
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	2 & 3	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	Open
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2, 3 & 4
200MHz	66MHz	3x	2 & 3	1 & 2	3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	2 & 3	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	Open
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2, 3 & 4
180MHz	60MHz	3x	1 & 2	2 & 3	3 & 4
200MHz	66MHz	3x	2 & 3	1 & 2	3 & 4

Note: Pins designated should be in the closed position.