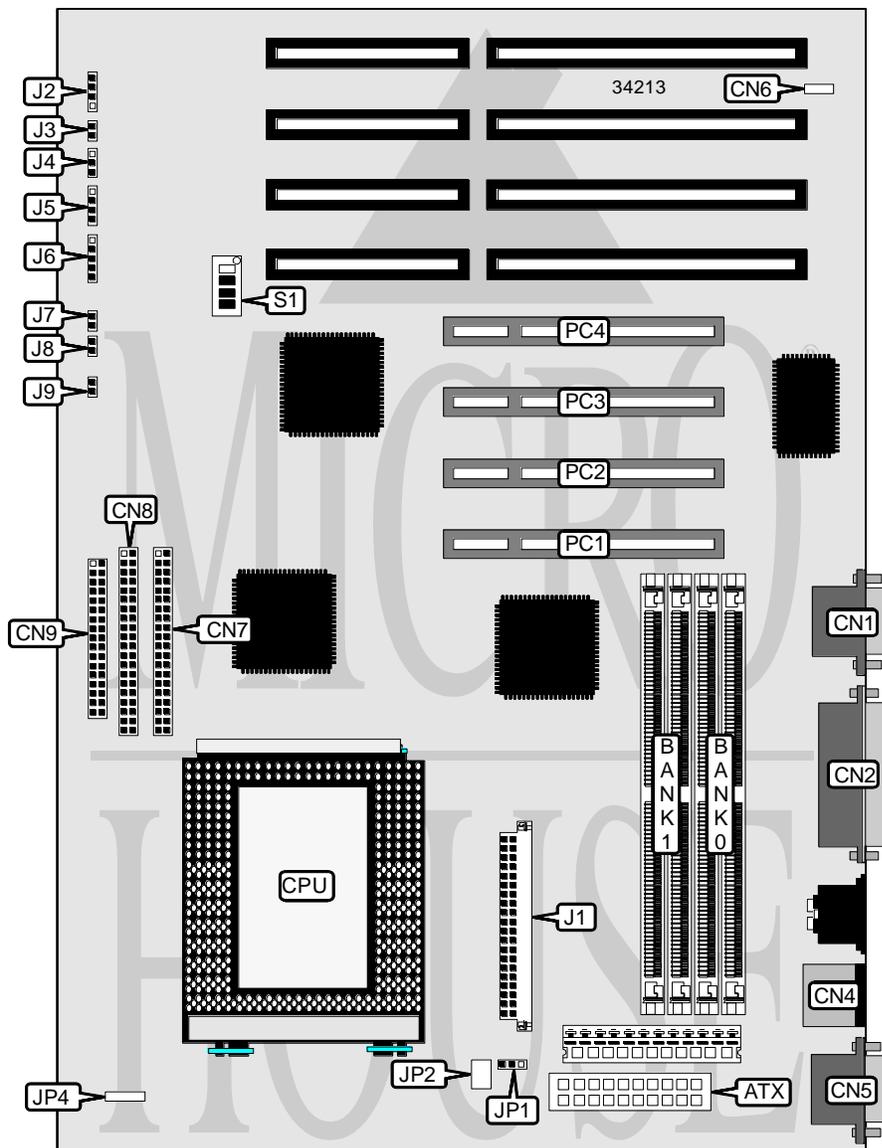


# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA - 686 N X

<b>Processor</b>	Pentium Pro
<b>Processor Speed</b>	150/166/180/200/233/266MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	512MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB (located on Pentium Pro CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, VRM connector, USB connector, ATX power connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power supply	ATX	Speaker	J2
Serial port 2	CN1	Reset switch	J3
Parallel port	CN2	Power LED	J4
PS/2 mouse port	CN4	IDE interface LED	J5
Serial port 1	CN5	IR connector	J6
USB connector	CN6	Green PC connector	J7
IDE interface 2	CN7	Soft on power supply	J8
IDE interface 1	CN8	Green PC LED	J9
Floppy drive interface	CN9	Chassis fan power	JP1
VRM connector	J1	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	JP2	Unidentified
í Factory configured - do not alter	JP4	Unidentified

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M 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
40MB	(2) 4M x 36	(2) 1M 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
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36

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 GA - 686 N X

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36

Note: Board accepts EDO memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

CPU SPEED SELECTION				
Speed	S1/1	S1/2	S1/3	S1/4
150MHz	On	On	Off	Off
166MHz	Off	On	Off	Off
180MHz	On	Off	On	Off
200MHz	Off	Off	On	Off
233MHz	Off	On	On	Off
266MHz	Off	Off	Off	On