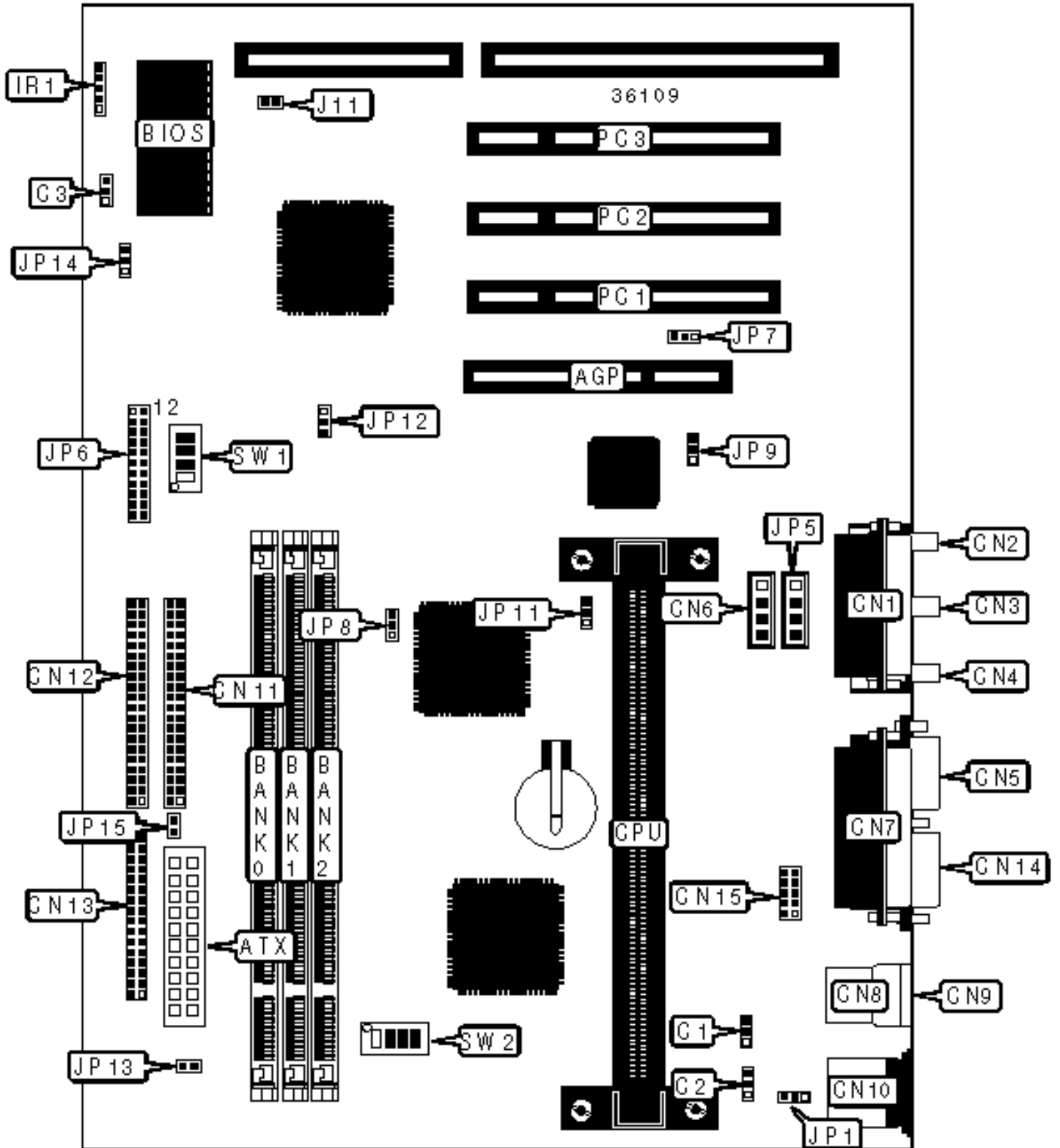


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6BMM (VER. 1.4)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Floppy drive interface	CN13
ATX power connector	ATX	VGA port	CN14
CPU fan power	C1	Serial port 2	CN15
Power fan power	C2	IR connector	IR1
Chassis fan power	C3	Wake on modem connector	J11
Game/MIDI port	CN1	Audio in - CD-ROM	JP5
Microphone in	CN2	Green PC LED	JP6/pins 1 & 12
Line in	CN3	Reset switch	JP6/pins 3 & 4
Line out	CN4	Speaker	JP6/pins 5 - 8
Serial port 1	CN5	IDE interface LED	JP6/pins 9 & 20
Audio in - CD-ROM	CN6	Green PC connector	JP6/pins 11 & 22
Parallel port	CN7	Soft off power supply	JP6/pins 15 & 16
USB connector 1	CN8	Power LED	JP6/pins 17 - 19
USB connector 2	CN9	Wake on LAN connector	JP7
PS/2 mouse port	CN10	STR LED	JP15
IDE interface 2	CN11	32-bit PCI slots	PC1 - PC3
IDE interface 1	CN12		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Keyboard power on disabled	JP1	Pins 2 & 3 closed
Keyboard power on enabled	JP1	Pins 1 & 2 closed
» VGA INT disabled	JP8	Pins 1 & 2 closed
VGA INT enabled	JP8	Pins 2 & 3 closed

»	On board sound enabled	JP9	Pins 1 & 2 closed
	On board sound disabled	JP9	Pins 2 & 3 closed
»	System acceleration select 100MHz	JP11	Pins 2 & 3 closed
	System acceleration select turbo	JP11	Pins 1 & 2 closed
»	On board video enabled	JP12	Pins 2 & 3 closed
	On board video disabled	JP12	Pins 1 & 2 closed
»	Suspend to RAM function enabled	JP13	Open
	Suspend to RAM function disabled	JP13	Closed
»	CMOS memory normal operation	JP14	Pins 2 & 3 closed
	CMOS memory clear	JP14	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None

48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
96MB	(1) 8M x 64	(1) 4M x 64	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64

320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts SDRAM memory.			

CACHE CONFIGURATION

e: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CF

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
266MHz	66MHz	4x	On	Off	Off	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On

CPU SPEED SELECTION (CELERON, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On

333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
266MHz	66MHz	4x	On	Off	Off	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	Off	Off
400MHz	100MHz	4x	Off	Off	Off	Off
450MHz	100MHz	4.5x	Off	Off	Off	Off
500MHz	100MHz	5x	Off	Off	Off	Off
550MHz	100MHz	5.5x	Off	Off	Off	Off
600MHz	100MHz	6x	Off	Off	Off	Off
650MHz	100MHz	6.5x	Off	Off	Off	Off

CPU SPEED SELECTION (PENTIUM II, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On

366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off
350MHz	100MHz	3.5x	Off	Off	On	On
400MHz	100MHz	4x	On	On	Off	On
450MHz	100MHz	4.5x	Off	On	Off	On
500MHz	100MHz	5x	On	Off	Off	On
550MHz	100MHz	5.5x	Off	Off	Off	On
600MHz	100MHz	6x	On	On	On	Off
650MHz	100MHz	6.5x	Off	On	On	Off