GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6ZOZ (SOUND)

Device Type	Mainboard
Processor	Pentium II /Celeron
Processor Speed	233/266/300/333/350/366/400/433/450/500/550/600/650MHz
Chip Set	Intel 440ZX
Video Chip Set	ATI
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Video Memory	4MB
Audio Chip Set	Yamaha
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	258mm x 206mm
I/O Options	Ethernet 10BaseT connector, game interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, USB connectors (2), line in, line out, microphone in, audio in - CD-ROM, SB-link connector
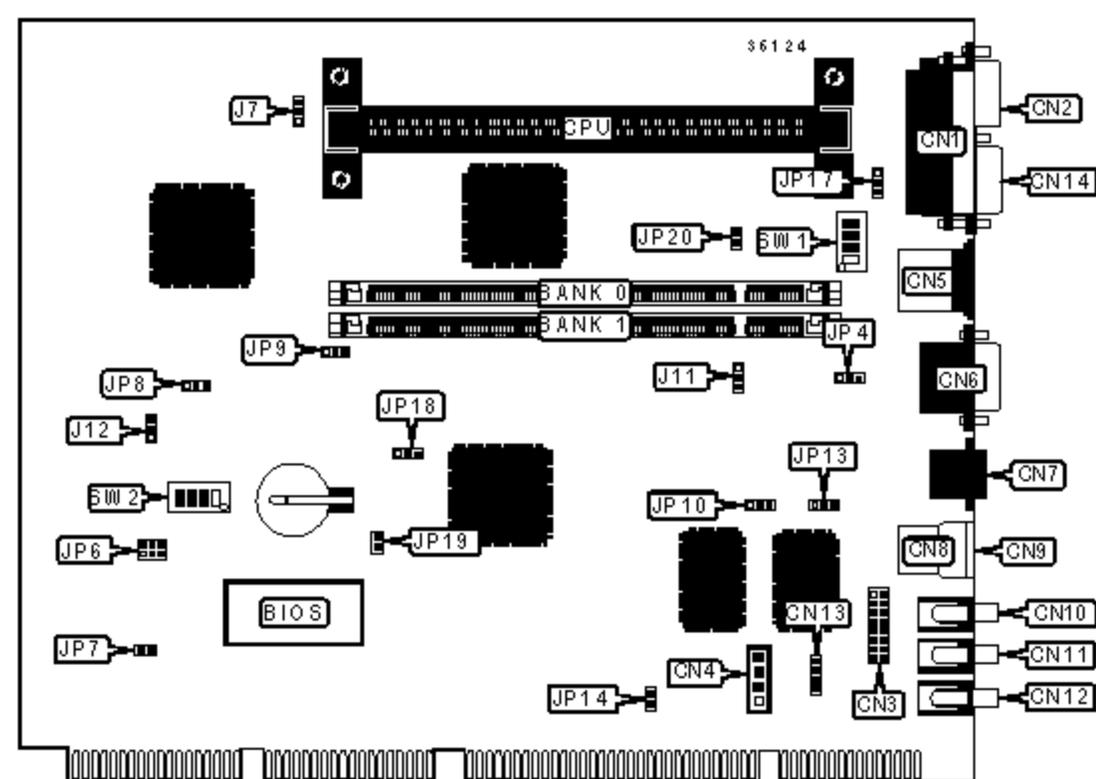
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Parallel port	CN1	Line in	CN11
Serial port 1	CN2	Line out	CN12
Modem connector	CN3	Modem connector	CN13
Audio in - CD-ROM	CN4	VGA port	CN14
PS/2 mouse port	CN5	CPU fan power	J7
Serial port 2	CN6	Chassis fan power	J12

Ethernet 10BaseT connector	CN7	SB-link connector	JP6
USB connector 1	CN8	Case open connector	JP7
USB connector 2	CN9	STD LED	JP19
Microphone in	CN10		

USER CONFIGURABLE SETTINGS			
	Function	**Label**	**Position**
»	LAN power disabled	J11	Pins 2 & 3 closed
	LAN power enabled	J11	Pins 1 & 2 closed
»	Keyboard power on disabled	JP4	Pins 2 & 3 closed
	Keyboard power on enabled	JP4	Pins 1 & 2 closed
»	VGA INT enabled	JP8	Pins 2 & 3 closed
	VGA INT disabled	JP8	Pins 1 & 2 closed
»	On board video enabled	JP9	Pins 2 & 3 closed
	On board video disabled	JP9	Pins 1 & 2 closed
»	On board LAN enabled	JP10	Pins 2 & 3 closed
	On board LAN disabled	JP10	Pins 1 & 2 closed
»	On board sound enabled	JP13	Pins 2 & 3 closed
	On board sound disabled	JP13	Pins 1 & 2 closed
	Internal buzzer enabled	JP14	Closed
	Internal buzzer disabled	JP14	Open
»	CMOS memory normal operation	JP18	Pins 2 & 3 closed
	CMOS memory clear	JP18	Pins 1 & 2 closed
	Suspend to RAM enabled	JP20	Closed
	Suspend to RAM normal operation	JP20	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

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

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
233MHz	66MHz	3.5x	On	Off	Off	On
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
233MHz	66MHz	3.5x	Off	Off	On	On
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 |

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	On	Off	Off	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	Off	Off
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6x	On	Off	Off	On
400MHz	100MHz	4x	Off	Off	Off	Off
433MHz	66MHz	6.5x	On	Off	Off	On
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
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	On	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
400MHz	100MHz	4x	On	On	Off	On
433MHz	66MHz	6.5x	Off	On	On	Off
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

CPU OVER CLOCK SELECTION		
Speed		**JP17**
»	100MHz normal	Pins 2 & 3 closed
	100MHz turbo & other frequencies	Pins 1 & 2 closed