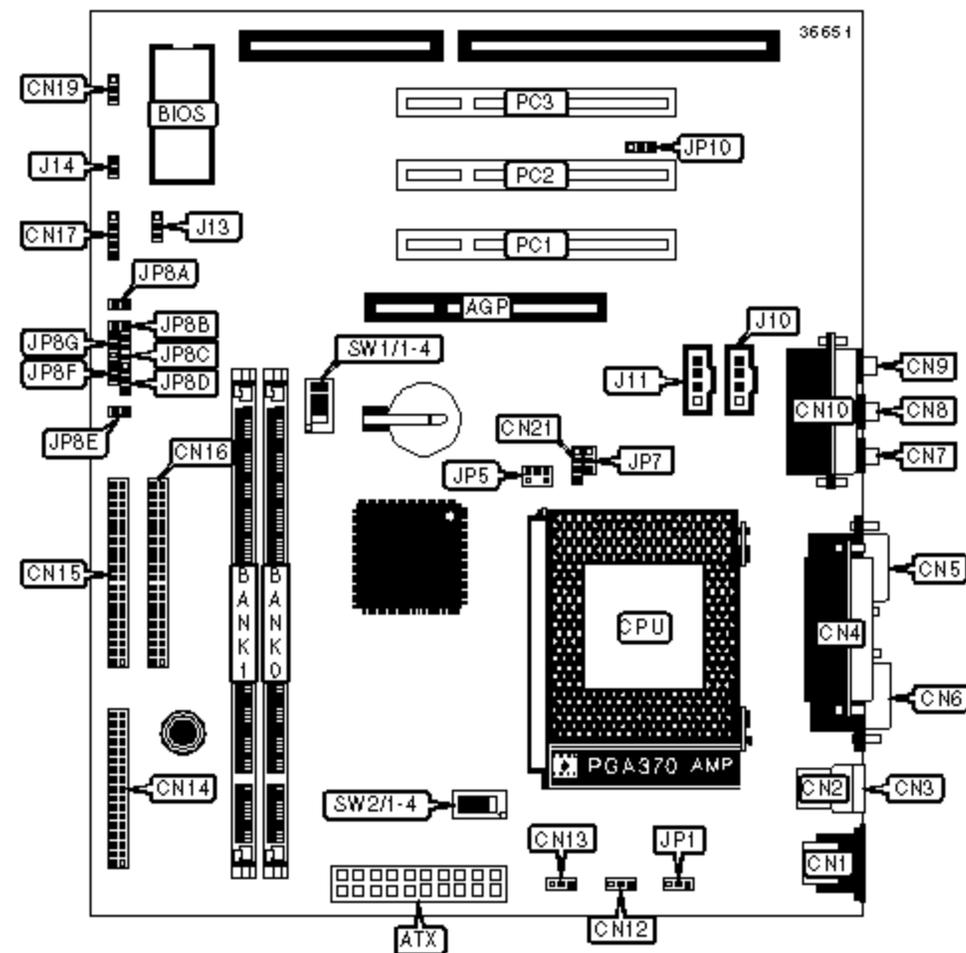


# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA-6VM7 (REV. 1.1), GA-6VM7A (REV. 1.1)

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron
<b>Processor Speed</b>	366/400/433/466/500/533MHz
<b>Chip Set</b>	VIA
<b>Audio Chip Set</b>	ESS
<b>Maximum Onboard Memory</b>	256/512MB (EDO & SDRAM supported)
<b>Cache</b>	0/128KB (located on the Celeron CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	243mm x 205mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), SB-link connector, Wake-on-LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IR connector	CN17
ATX power connector	ATX	System fan power	CN19
PS/2 mouse port	CN1	Modem/Audio connector	CN21
USB connector 1	CN2	Audio in - CD-ROM	J10

USB connector 2	CN3	Audio in - CD-ROM	J11
Parallel port	CN4	Power-on-ring connector	J14
Serial port 1	CN5	SB-link connector	JP5
Serial port 2	CN6	Green PC connector	JP8A
Line out	CN7	IDE interface LED	JP8B
Line in	CN8	PC speaker	JP8C
Microphone in	CN9	Reset switch	JP8D
Game/MIDI port	CN10	Green PC LED	JP8E
CPU fan power	CN12	Power switch	JP8F
Power fan	CN13	Power LED	JP8G
Floppy drive interface	CN14	Wake-on-LAN connector	JP10
IDE interface 1	CN15	32-bit PCI slots	PC1 - PC3
IDE interface 2	CN16		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS normal operation	J13	Pins 2 & 3 closed
	CMOS clear memory	J13	Pins 1 & 2 closed
»	Keyboard power-on disabled	JP1	Pins 2 & 3 closed
	Keyboard power-on enabled	JP1	Pins 1 & 2 closed
»	Onboard sound enabled	JP7	Pins 1 & 2 closed
	Onboard sound disabled	JP7	Pins 2 & 3 closed

### DIMM CONFIGURATION

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

32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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
256MB*	(1) 32M x 64	None
272MB*	(1) 32M x 64	(1) 2M x 64
288MB*	(1) 32M x 64	(1) 4M x 64
320MB*	(1) 32M x 64	(1) 8M x 64
384MB*	(1) 32M x 64	(1) 16M x 64
512MB*	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory. Maximum SDRAM is 512MB. Maximum EDO is 256MB.

\*Note: Designated configurations require SDRAM memory

### CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron 300A & 333 CPU.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off

433MHz	66MHz	6.5x	Off	On	On	Off
466MHz	66MHz	7x	On	Off	On	Off
500MHz	66MHz	7.5x	Off	Off	On	Off
533MHz	66MHz	8x	On	On	Off	Off

**CPU SPEED SELECTION (CONT)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>SW2/1</b>	<b>SW2/2</b>	<b>SW2/3</b>	<b>SW2/4</b>
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On
466MHz	66MHz	7x	On	Off	Off	On
500MHz	66MHz	7.5x	On	Off	Off	On
533MHz	66MHz	8x	On	Off	Off	On