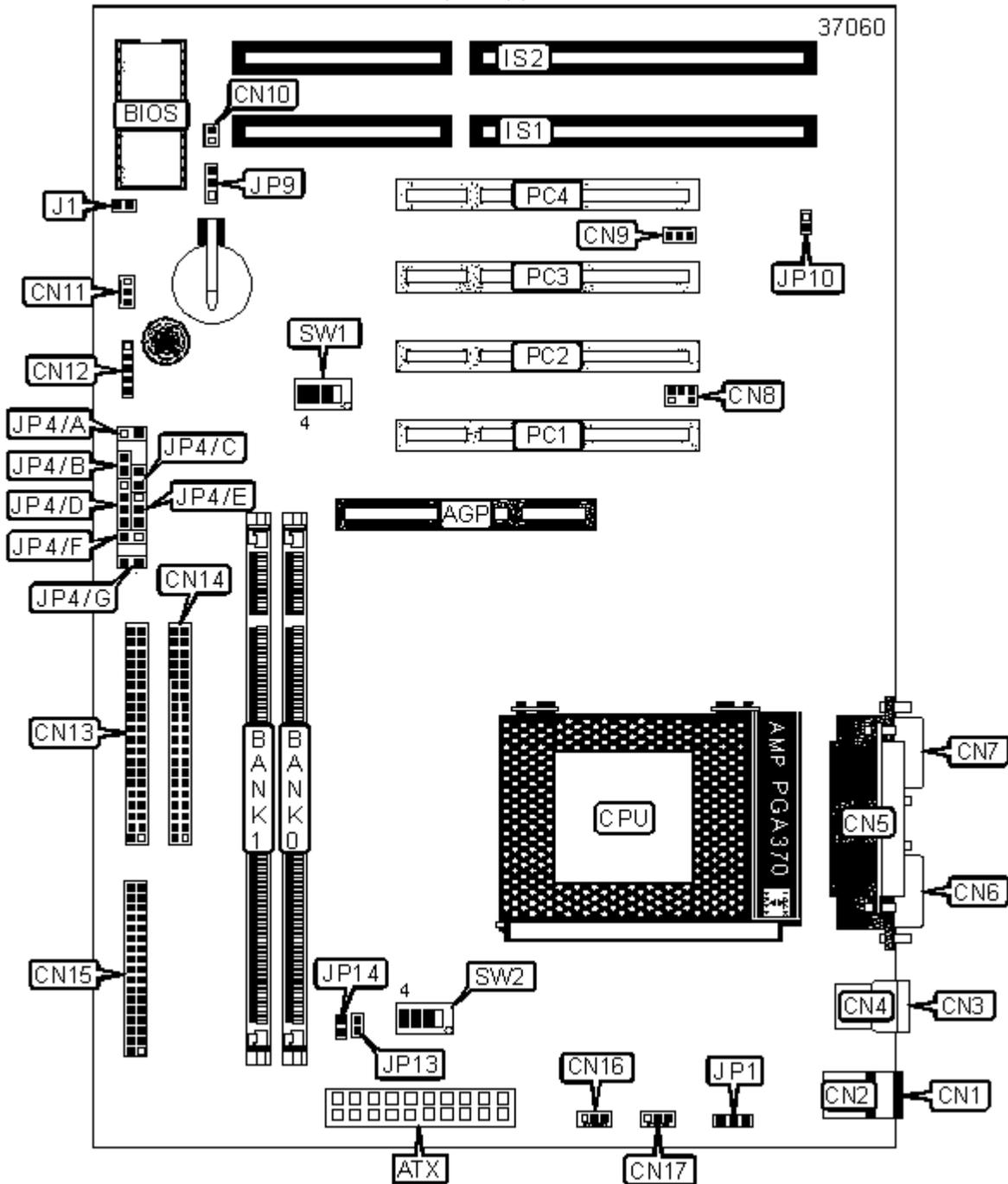


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6ZX7 (REV. 1.0)

Device Type	Mainboard
Processor	Celeron
Processor Speed	366/400/433/466/500/533/566MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (SDRAM supported)
Cache	128KB
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (4), AGP slot, ATX power connector, floppy drive interface, green PC connector, IDE interfaces (2), IR connector, parallel port, PS/2 keyboard port, PS/2 mouse port, serial ports (2), SB-Link connector, USB ports (2), Wake-on-LAN connector, Wake-on-modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	CN14
ATX power	ATX	Floppy drive interface	CN15
PS/2 keyboard port	CN1	Power supply fan power	CN16
PS/2 mouse port	CN2	CPU fan power	CN17
USB port 1	CN3	Unidentified	J1
USB port 2	CN4	Green LED	JP4/A
Parallel port	CN5	Reset switch	JP4/B
Serial port 2	CN6	Power switch	JP4/C
Serial port 1	CN7	Speaker	JP4/D
SB-Link connector	CN8	Power LED	JP4/E
Wake-on-LAN connector	CN9	IDE interface LED	JP4/F
Wake-on-modem connector	CN10	Green PC switch	JP4/G
System fan power	CN11	Chassis intrusion connector	JP10
IR connector	CN12	16-bit ISA slot	IS1 - IS2
IDE interface 1	CN13	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard power on disabled	JP1	Pins 2 & 3 closed
	Keyboard power on enabled	JP1	Pins 1 & 2 closed
»	CMOS memory normal operation	JP9	Pins 2 & 3 closed
	CMOS memory clear	JP9	Pins 1 & 2 closed

DIMM CONFIGURATION

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

16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
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) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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
256MB	(1) 32M x 64	None

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Note: 128KB cache is located on Celeron 300A and greater CPUs.

VGA CARD SELECTION

	Setting	JP13	JP14
»	VGA card normal	Open	Open
	VGA card is Voodoo III	Closed	Closed

CPU MULTIPLIER SELECTION

Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
3x	On	Off	On	On
5.5x	Off	Off	On	On
4x	On	On	Off	On
4.5x	Off	On	Off	On
5x	On	Off	Off	On
5.5x	Off	Off	Off	On
6x	On	On	On	Off
6.5x	Off	On	On	Off
7x	On	Off	On	Off
7.5x	Off	Off	On	Off
8x	On	On	Off	Off
8.5x	Off	On	Off	Off
9x	On	Off	Off	Off
9.5x	Off	Off	Off	Off

SYSTEM BUS SPEED SELECTION

CPU	AGP	SW2/1	SW2/2	SW2/3	SW2/4
66MHz	66MHz	On	Off	Off	On
75MHz	75MHz	On	On	Off	On
83MHz	83MHz	On	Off	On	On
100MHz	66MHz	Off	Off	Off	Off
112MHz	75MHz	Off	On	Off	Off
133MHz	89MHz	Off	Off	On	Off