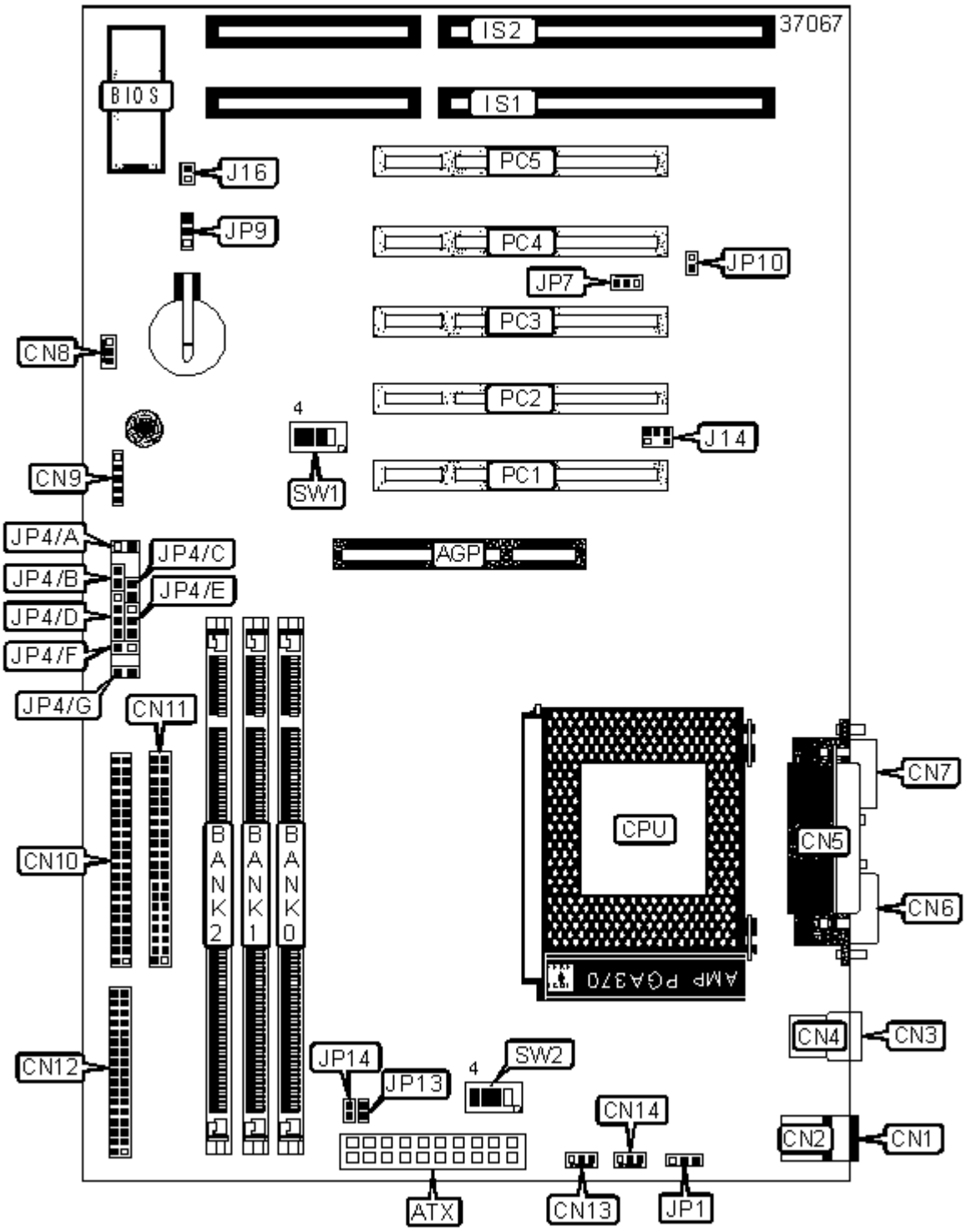
GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6VX7 (REV. 2.0)

Device Type	Mainboard
Processor	Celeron
Processor Speed	366/400/433/466/500/533/566MHz
Chip Set	VIA Apollo
Maximum Onboard Memory	768MB SDRAM/384MB EDO
Cache	128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), 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	CPU fan power	CN14
ATX power connector	ATX	16-bit ISA slots	IS1 - IS2
PS/2 keyboard port	CN1	SB-Link connector	J14
PS/2 mouse port	CN2	Wake-on-modem connector	J16

USB port 1	CN3	Green LED	JP4/A
USB port 2	CN4	Reset switch	JP4/B
Parallel port	CN5	Power switch	JP4/C
Serial port 2	CN6	Speaker	JP4/D
Serial port 1	CN7	Power LED	JP4/E
System fan power	CN8	IDE interface LED	JP4/F
IR connector	CN9	Green PC switch	JP4/G
IDE interface 1	CN10	Wake-on-LAN connector	JP7
IDE interface 2	CN11	Chassis intrusion connector	JP10
Floppy drive interface	CN12	32-bit PCI slots	PC1 - PC5
Power supply fan power	CN13		

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Power-on by keyboard disabled	JP1	Pins 2 & 3 closed
	Power-on by keyboard 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**	**Bank 2**
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64

48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB*	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB*	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB*	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB*	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB*	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB*	(1) 32M x 64	(1) 32M x 64	None
512MB*	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB*	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO memory up to 384MB & SDRAM memory up to 768MB.
Note: (*) represents settings that can be obtained only with SDRAM.

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 SPEED SELECTION (CELERON)						
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6.0x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off
466MHz	66MHz	7.0x	On	Off	On	Off
500MHz	66MHz	7.5x	Off	Off	On	Off
533MHz	66MHz	8.0x	On	On	Off	Off
566MHz	66MHz	8.5x	Off	On	Off	Off

CPU SPEED SELECTION (CELERON, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**SW2/1**	**SW2/2**	**SW2/3**	**SW2/4**
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6.0x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On
466MHz	66MHz	7.0x	On	Off	Off	On
500MHz	66MHz	7.5x	On	Off	Off	On
533MHz	66MHz	8.0x	On	Off	Off	On
566MHz	66MHz	8.5x	On	Off	Off	On