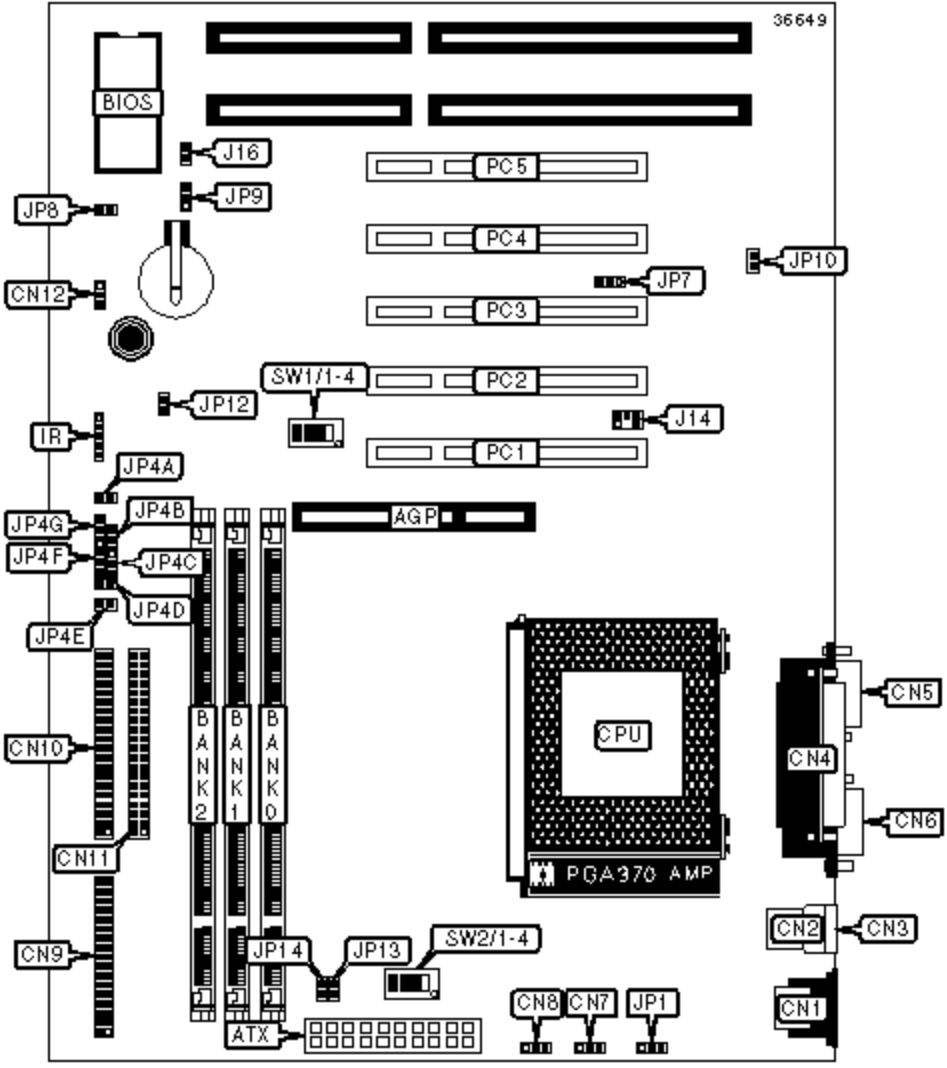


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6VX7 (REV. 1.3)

Device Type	Mainboard
Processor	Celeron
Processor Speed	366/400/433/466/500/533/566MHz
Chip Set	VIA
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	32-bit PCI slots (5), floppy drive interface, 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, Wake-on-LAN connector, Power-on-ring connector, SB-link connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IR connector	IR
ATX power connector	ATX	SB-Link connector	J14
PS/2 mouse port	CN1	Power-on-ring connector	J16

USB connector 1	CN2	Green PC LED	JP4A
USB connector 2	CN3	Power switch	JP4B
Parallel port	CN4	Power LED	JP4C
Serial port 1	CN5	IDE interface LED	JP4D
Serial port 2	CN6	Green PC connector	JP4E
CPU fan power	CN7	PC speaker	JP4F
Power fan	CN8	Reset switch	JP4G
Floppy drive connector	CN9	Wake-on-LAN connector	JP7
IDE interface 1	CN10	Case open connector	JP10
IDE interface 2	CN11	32-bit PCI slots	PC1 - PC5
System fan power	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
»	CMOS normal operation	JP9	Pins 2 & 3 closed
	CMOS clear memory	JP9	Pins 1 & 2 closed
	Internal buzzer enabled	JP12	Closed
	Internal buzzer disabled	JP12	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M 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
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
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
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 & SDRAM memory. Maximum SDRAM is 768MB. Maximum EDO is 384MB.

*Note: Designated configuration requires EDO 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
566MHz	66MHz	8.5x	Off	On	Off	Off

CPU SPEED SELECTION (CONT)						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
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
566MHz	66MHz	8.5x	On	Off	Off	On

VIDEO MODE SELECTION		
Setting	JP13	JP14
Normal operation	Open	Open
Voodoo3 VGA card installed	Closed	Closed