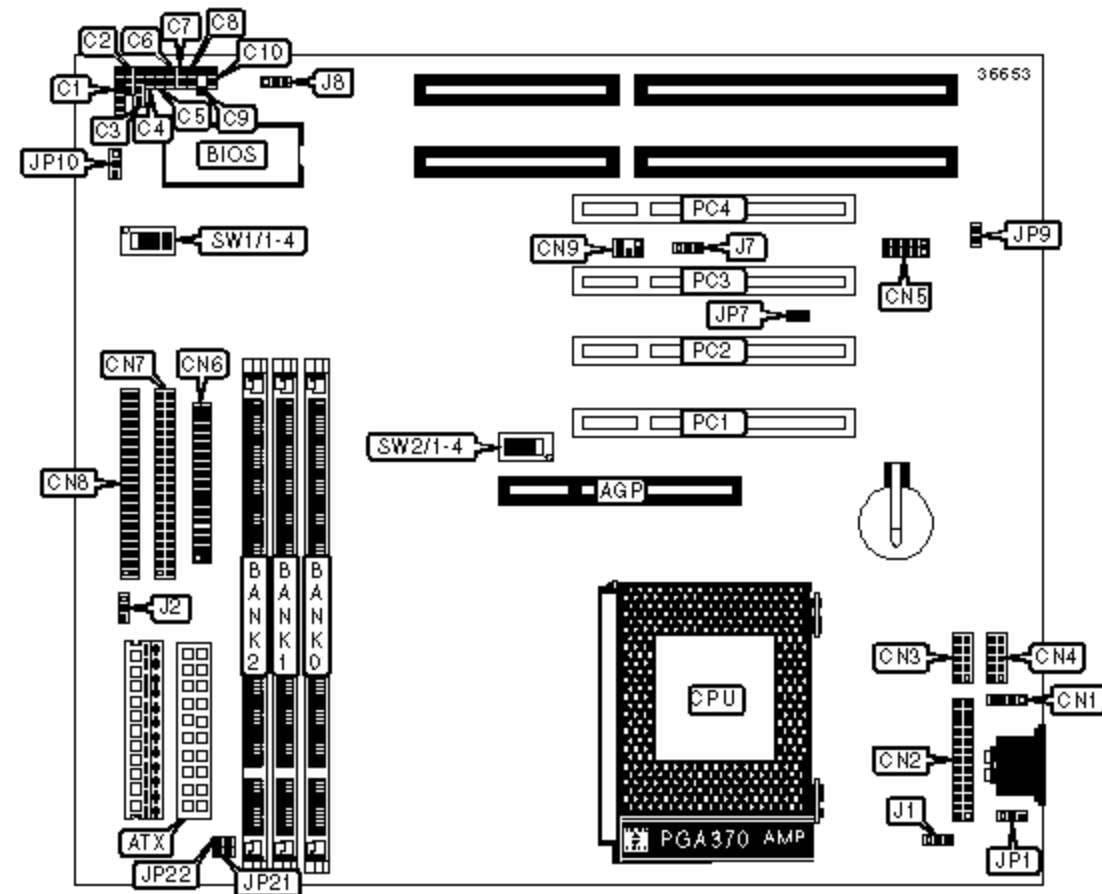


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6VA7 (REV. 1.2)

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	241mm x 222mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interfaces (2), IR connector, USB interface, ATX power connector, AGP slot, Wake-on-LAN connector, Power-on-ring connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Serial interface 2	CN3
ATX power connector	ATX	Serial interface 1	CN4
IR connector	C1	USB interface	CN5
Power LED	C2	Floppy drive connector	CN6
PC speaker	C3	IDE interface 2	CN7

Turbo LED	C4	IDE interface 1	CN8
Turbo switch	C5	SB-link connector	CN9
Reset switch	C6	CPU fan power	J1
Green PC LED	C7	Power fan	J2
Green PC connector	C8	Wake-on-LAN connector	J7
IDE interface LED	C9	System fan power	J8
Power switch	C10	Power-on-ring connector	JP7
PS/2 mouse interface	CN1	Case open connector	JP9
Parallel interface	CN2	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 normal operation	JP10	Pins 1 & 2 closed
	CMOS clear memory	JP10	Pins 2 & 3 closed

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.

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	JP21	JP22
Normal operation	Open	Open
Voodoo3 VGA installed	Closed	Closed