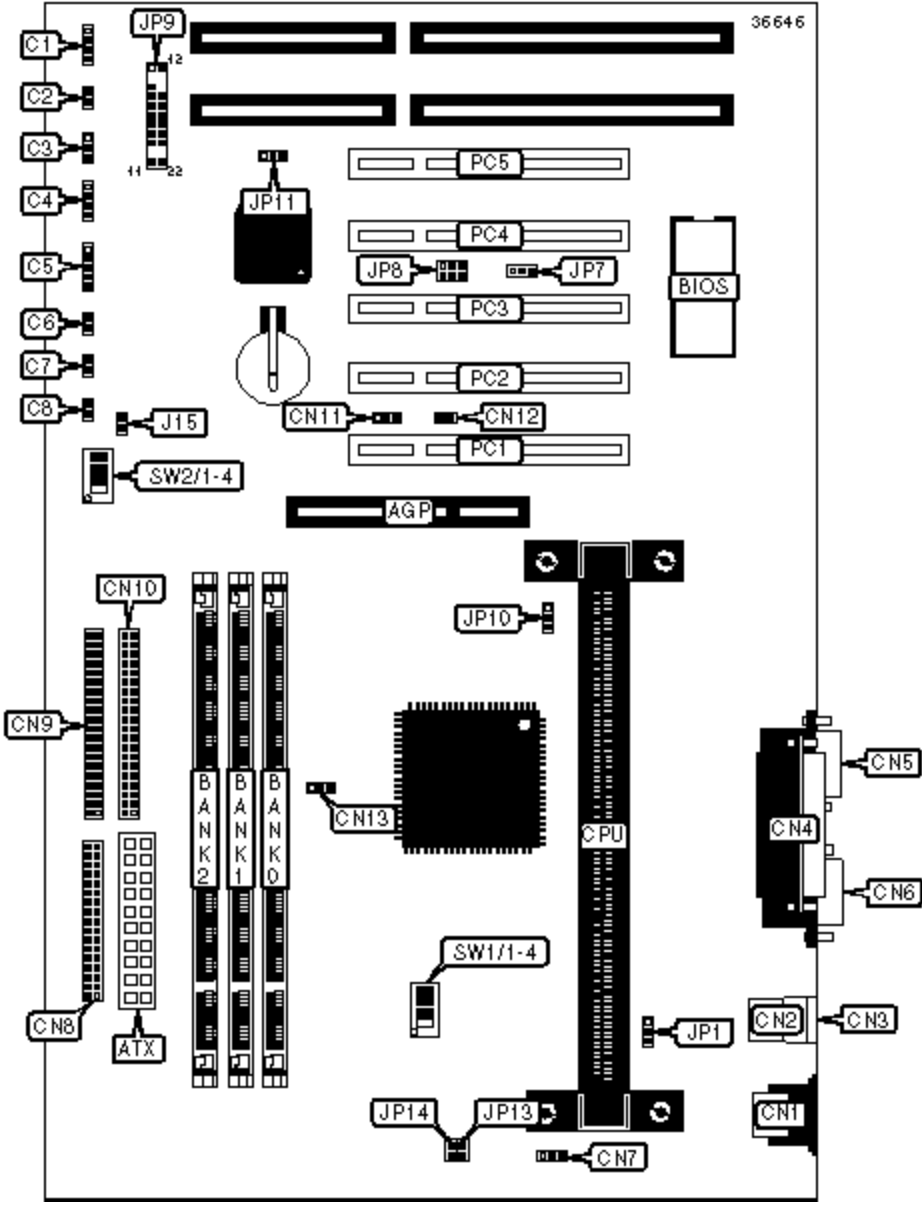


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6VXE (REV. 2.2)

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/500/550/600/650MHz
Chip Set	VIA
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 180mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector (2), IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, Wake-on-LAN connector, Power-on-ring connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	CN7

ATX power connector	ATX	Floppy drive interface	CN8
PC speaker	C1	IDE interface 1	CN9
Reset switch	C2	IDE interface 2	CN10
Power LED	C3	System fan power	CN11
IDE interface LED	C4	Power-on-ring connector	CN12
IR connector	C5	Power fan	CN13
Green PC connector	C6	Wake-on-LAN connector	JP7
Power switch	C7	SB-link connector	JP8
Green PC LED	C8	Reset switch	JP9/Pins 3 & 4
PS/2 mouse port	CN1	PC speaker	JP9/Pins 5 - 8
USB port 1	CN2	IDE interface LED	JP9/Pins 9 & 14
USB port 2	CN3	Green PC connector	JP9/Pins 11 & 12
Parallel port	CN4	Power LED	JP9/Pins 15 - 17
Serial port 2	CN5	Power switch	JP9/Pins 18 & 19
Serial port 1	CN6	32-bit PCI slots	PC1 - PC5

USER CONFIGURABLE SETTINGS

Function		Label	Position
	System returns to soft off when AC power is returned	J15	Open
	System returns to full on when AC power is returned	J15	Closed
»	Keyboard power-on disabled	JP1	Pins 2 & 3 closed
	Keyboard power-on enabled	JP1	Pins 1 & 2 closed
»	CMOS normal operation	JP11	Pins 2 & 3 closed
	CMOS clear memory	JP11	Pins 1 & 2 closed
»	Normal system acceleration	JP10	Pins 2 & 3 closed
	Turbo system acceleration (100MHz turbo and above)	JP10	Pins 1 & 2 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. Maximum SDRAM is 768MB. Maximum EDO is 384MB.

*Note: Designated configuration requires EDO memory

CACHE CONFIGURATION

Note: 256/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	On	Off	Off	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	66MHz	6x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On

CPU SPEED SELECTION (CELERON CONT)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off	On

266MHz	66MHz	4x	On	Off	Off	On
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	Off	Off
366MHz	66MHz	5.5x	On	Off	Off	On
400MHz	100MHz	4x	Off	Off	Off	Off
400MHz	66MHz	6x	On	Off	Off	On
433MHz	66MHz	6.5x	On	Off	Off	On
450MHz	100MHz	4.5x	Off	Off	Off	Off
500MHz	100MHz	5x	Off	Off	Off	Off
550MHz	100MHz	5.5x	Off	Off	Off	Off
600MHz	100MHz	6x	Off	Off	Off	Off
650MHz	100MHz	6.5x	Off	Off	Off	Off

CPU SPEED SELECTION (PENTIUM II CONT)						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	On	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	100MHz	4x	On	On	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off
450MHz	100MHz	3.5x	Off	On	Off	On
500MHz	100MHz	4x	On	Off	Off	On
550MHz	100MHz	4.5x	Off	Off	Off	On

600MHz	100MHz	5x	On	On	On	Off
650MHz	100MHz	5.5x	Off	On	On	Off

CPU SPEED SELECTION (PENTIUM III)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
450MHz	100MHz	4.5x	Off	Off	Off	Off
500MHz	100MHz	5x	Off	Off	Off	Off
550MHz	100MHz	5.5x	Off	Off	Off	Off
600MHz	100MHz	6x	Off	Off	Off	Off
650MHz	100MHz	6.5x	Off	Off	Off	Off

CPU SPEED SELECTION (PENTIUM III CONT)						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
450MHz	100MHz	3.5x	Off	On	Off	On
500MHz	100MHz	4x	On	Off	Off	On
550MHz	100MHz	4.5x	Off	Off	Off	On
600MHz	100MHz	5x	On	On	On	Off
650MHz	100MHz	5.5x	Off	On	On	Off

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