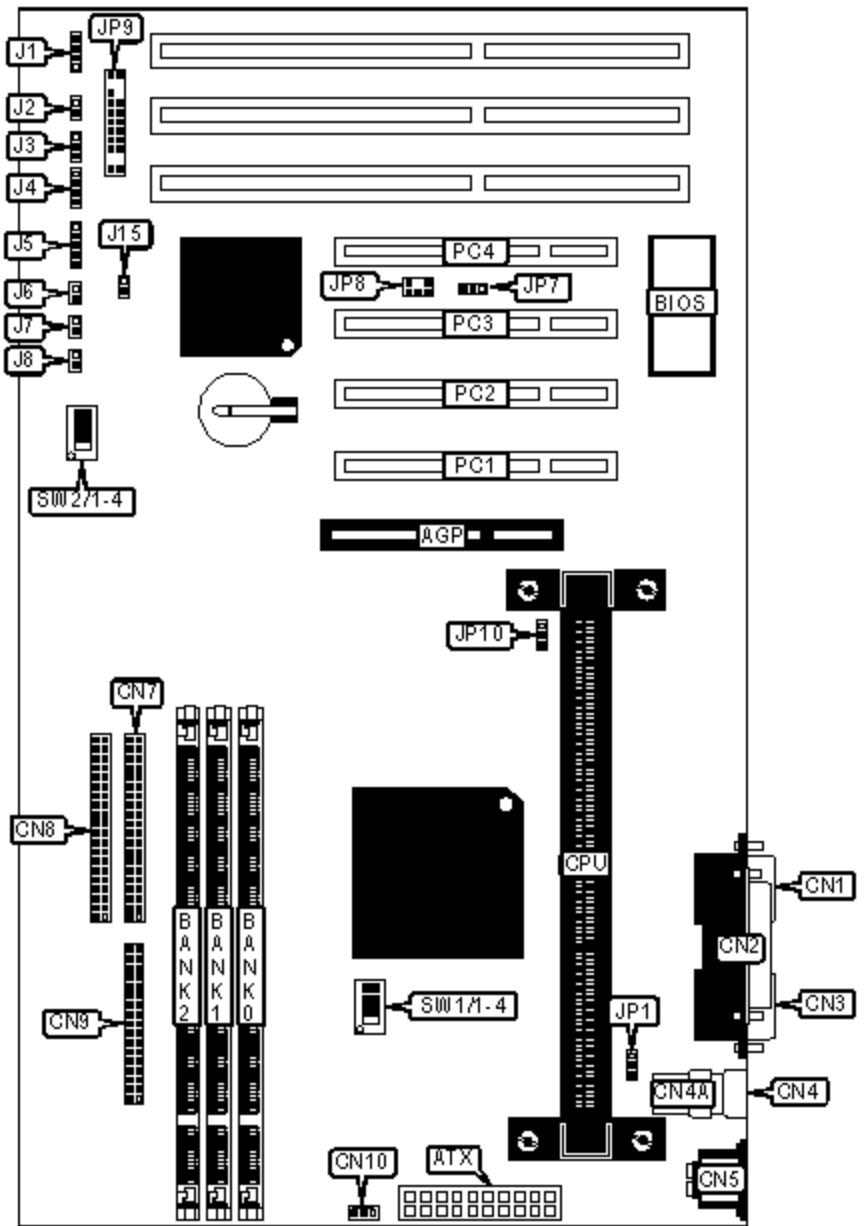


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6BXC (REV.1.7)

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/366/400/433/450/500/550/600/650MHz
Chip Set	Unidentified
Maximum Onboard Memory	768MB
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), 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



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface LED	J4

ATX power connector	ATX	IR connector	J5
Serial port 1	CN1	Green PC switch	J6
Parallel port	CN2	Soft power connector	J7
Serial port 2	CN3	Green PC LED	J8
USB connector 1	CN4	Green PC LED	JP9/pins 1 & 12
USB connector 2	CN4A	Reset switch	JP9/pins 3 - 4
PS/2 mouse port	CN5	Speaker	JP9/pins 5 - 8
IDE interface 2	CN7	IDE interface LED	JP9/pins 9 & 20
IDE interface 1	CN8	Green PC switch	JP9/pins 11 & 22
Floppy drive interface	CN9	Soft power connector	JP9/pins 15 - 16
Power fan power	CN10	Power LED & keylock	JP9/pins 17 - 19
Speaker	J1	Wake on LAN connector	JP7
Reset switch	J2	SB-link connector	JP8
Power LED & keylock	J3	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J9	Pins 2 & 3 closed
	CMOS memory clear	J9	Pins 1 & 2 closed
»	System after AC back soft off	J15	Open
	System after AC back full on	J15	Closed
»	Keyboard power on disabled	JP1	Pins 2 & 3 closed
	Keyboard power on enabled	JP1	Pins 1 & 2 closed
»	Normal acceleration	JP10	Pins 2 & 3 closed
	Turbo acceleration	JP10	Pins 1 & 2 closed

DIMM CONFIGURATION

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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
24MB	(1) 2M x 64	(1) 1M x 64	None
32MB	(1) 2M 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
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None
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
48MB	(1) 4M x 64	(1) 2M x 64	None
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
72MB	(1) 8M x 64	(1) 1M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None

80MB	(1) 8M x 64	(1) 2M x 64	None
88MB	(1) 8M x 64	(1) 2M 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
96MB	(1) 8M x 64	(1) 4M x 64	None
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M 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
192MB	(1) 16M x 64	(1) 8M x 64	None
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None

256MB	(1) 32M x 64	None	None
264MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
280MB	(1) 32M x 64	(1) 2M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
296MB	(1) 32M x 64	(1) 4M x 64	(1) 1M x 64
304MB	(1) 32M x 64	(1) 4M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
328MB	(1) 32M x 64	(1) 8M x 64	(1) 1M x 64
336MB	(1) 32M x 64	(1) 8M x 64	(1) 2M x 64
352MB	(1) 32M x 64	(1) 8M x 64	(1) 4M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
392MB	(1) 32M x 64	(1) 16M x 64	(1) 1M x 64
400MB	(1) 32M x 64	(1) 16M x 64	(1) 2M x 64
416MB	(1) 32M x 64	(1) 16M x 64	(1) 4M x 64
448MB	(1) 32M x 64	(1) 16M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
520MB	(1) 32M x 64	(1) 32M x 64	(1) 1M x 64

528MB	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64
544MB	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64
576MB	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64
640MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

CACHE CONFIGURATION

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

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Clock ratio	SW1/1	SW1/2	SW1/3	SW1/4
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	66MHz	6x	On	Off	Off	On
400MHz	100MHz	4x	Off	Off	Off	Off
433MHz	66MHz	6.5x	On	Off	Off	On
450MHz	100MHz	4.5x	Off	Off	Off	Off

CPU SPEED SELECTION (PENTIUM II CON'T)

CPU speed	Clock speed	Clock ratio	SW2/1	SW2/2	SW2/3	SW2/4
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	66MHz	6x	On	On	On	Off
400MHz	100MHz	4x	On	On	Off	On
433MHz	66MHz	6.5x	Off	On	On	Off
450MHz	100MHz	4.5x	Off	On	Off	On

CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Clock ratio	SW1/1	SW1/2	SW1/3	SW1/4
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 CON'T)

CPU speed	Clock speed	Clock ratio	SW2/1	SW2/2	SW2/3	SW2/4
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