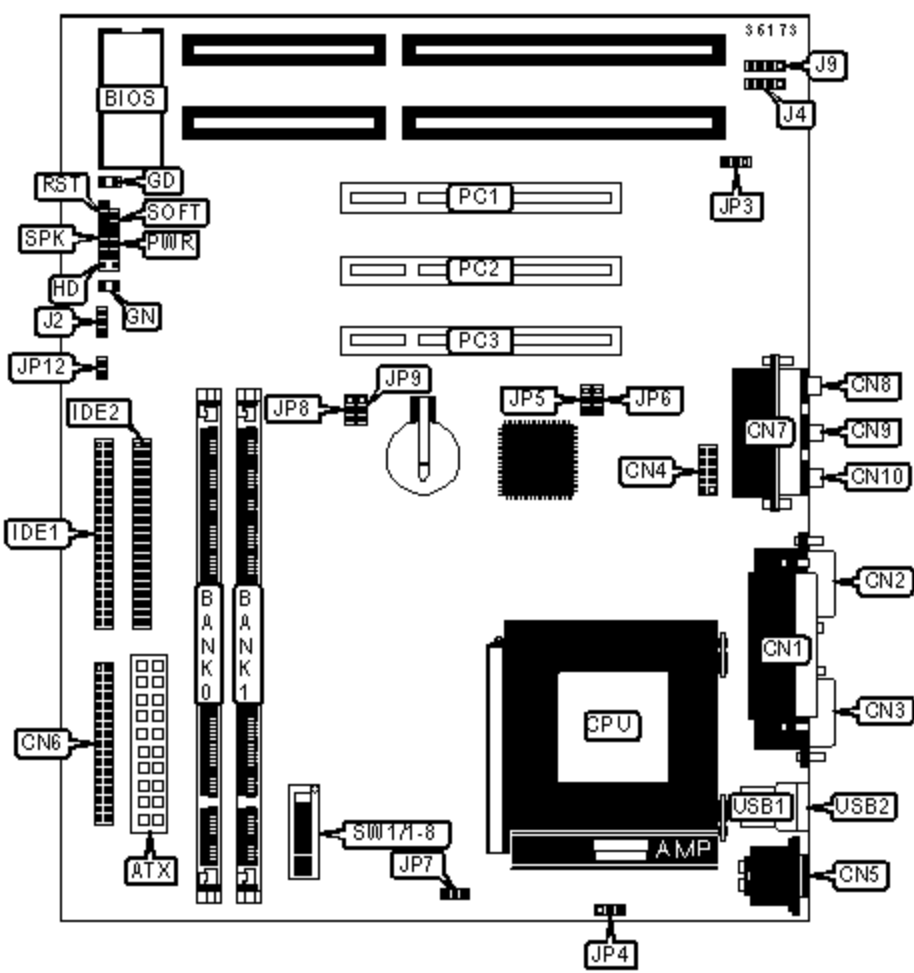


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-5AMMC

Device Type	Mainboard
Processor	CX 6x86MX/IBM 6x86MX/CX MII/AM K5/AM K6/AM K6-2/Pentium/Pentium MMX/IDT C6
Processor Speed	133/166/200/225/233/266/300/333/350/380/400MHz
Chip Set	ALI
Video Chip Set	ATI
Audio Chip Set	ESS
Maximum Onboard Memory	512MB
Maximum Video Memory	4MB
Cache	512KB
BIOS	Award
Dimensions	243.87mm x 200mm
I/O Options (backplane)	32-bit PCI slots (3), floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports, serial interface, VGA port, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2)



CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	IDE1
Parallel port	CN1	IDE interface 2	IDE2
VGA port	CN2	Wake-on-lan connector	J2
Serial port 1	CN3	Audio in - CD-ROM	J4

Serial port 1	CN3	Audio in - CD-ROM	J4
Serial 2 interface	CN4	Audio in - CD-ROM	J9
PS/2 mouse port	CN5	CPU fan power	JP7
Floppy drive interface	CN6	Wake-on-ring connector	JP12
Game port	CN7	32-bit PCI slots	PC1 - PC3
Microphone in	CN8	Power LED	PWR
Line in	CN9	Reset switch	RST
Line out	CN10	Soft off power supply	SOFT
Green PC LED	GD	Speaker	SPK
Green PC connector	GN	USB connector 1	USB1
IDE interface LED	HD	USB connector 2	USB2

USER CONFIGURABLE SETTINGS			
Function		Label	Position
»	Onboard audio disabled	JP3	Pins 2 & 3 closed
	Onboard audio enabled	JP3	Pins 1 & 2 closed
»	Keyboard power on disabled	JP4	Pins 2 & 3 closed
	Keyboard power on enabled	JP4	Pins 1 & 2 closed
»	Onboard AGP enabled	JP5	Pins 1 & 2 closed
	Onboard AGP disabled	JP5	Pins 2 & 3 closed
»	Onboard VGA does not occupy IRQ resource	JP6	Pins 2 & 3 closed
	Onboard VGA occupies IRQ resource	JP6	Pins 1 & 2 closed

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None

16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 32M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4

133MHz	66MHz	2x	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	On	On	Off

CPU SPEED SELECTION (INTEL CON'T)						
CPU speed	Clock Speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
133MHz	66MHz	2x	Off	Off	On	Off
166MHz	66MHz	2.5x	Off	Off	On	Off

CPU SPEED SELECTION (INTEL CON'T)				
CPU speed	Clock Speed	Multiplier	JP8	JP9
133MHz	66MHz	2x	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL MMX CON'T)						
CPU speed	Clock Speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	Off	Off	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	On	Off

CPU SPEED SELECTION (INTEL MMX CON'T)

CPU speed	Clock Speed	Multiplier	JP8	JP9
166MHz	66MHz	2.5x	2 & 3	Pins 2 & 3 closed
200MHz	66MHz	3x	2 & 3	Pins 2 & 3 closed
233MHz	66MHz	3.5x	2 & 3	Pins 2 & 3 closed

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz*	66MHz	3.5x	Off	Off	Off	On
266MHz**	66MHz	4x	Off	On	Off	Off
300MHz**	66MHz	4.5x	Off	On	On	Off
300MHz**	100MHz	3x	Off	Off	On	Off

*Note: This processor receives a voltage setting of 3.2v.

**Note: These processors receive a voltage setting of 2.2v.

CPU SPEED SELECTION (AM K6 CON'T)

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	Off	On	On	Off
200MHz	66MHz	3x	Off	On	On	Off
233MHz*	66MHz	3.5x	Off	Off	On	Off
266MHz**	66MHz	4x	On	Off	Off	On
300MHz**	66MHz	4.5x	On	Off	Off	On
300MHz**	100MHz	3x	On	Off	Off	Off

*Note: This processor receives a voltage setting of 3.2v.

**Note: These processors receive a voltage setting of 2.2v.

CPU SPEED SELECTION (AM K6 CON'T)

CPU speed	Clock speed	Multiplier	JP8	JP9
166MHz	66MHz	2.5x	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	2 & 3
233MHz	66MHz	3.5x	2 & 3	2 & 3
266MHz*	66MHz	4x	2 & 3	2 & 3
300MHz*	66MHz	4.5x	2 & 3	2 & 3
300MHz*	100MHz	3x	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

*Note: This processor receives a voltage setting of 3.2v.

**Note: These processors receive a voltage setting of 2.2v.

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
266MHz	66MHz	4x	Off	On	Off	Off
300MHz	100MHz	3x	Off	Off	On	Off
333MHz	95MHz	3.5x	On	Off	Off	Off
350MHz	100MHz	3.5x	Off	Off	Off	Off
380MHz	95MHz	4x	On	On	Off	Off
400MHz	100MHz	4x	Off	On	Off	Off

CPU SPEED SELECTION (AM K6-2 CON'T)

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
266MHz	66MHz	4x	On	Off	Off	On
300MHz	100MHz	3x	On	Off	Off	Off
333MHz	95MHz	3.5x	On	Off	Off	Off
350MHz	100MHz	3.5x	On	Off	Off	Off
380MHz	95MHz	4x	On	Off	Off	On

400MHz	100MHz	4x	On	Off	Off	On
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CPU SPEED SELECTION (AM K6-2 CON'T)				
CPU speed	Clock speed	Multiplier	JP8	JP9
266MHz	66MHz	4x	2 & 3	2 & 3
300MHz	100MHz	3x	1 & 2	1 & 2
333MHz	95MHz	3.5x	1 & 2	1 & 2
350MHz	100MHz	3.5x	1 & 2	1 & 2
380MHz	95MHz	4x	1 & 2	1 & 2
400MHz	100MHz	4x	1 & 2	1 & 2
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (IBM/CX 6X86MX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2x	Off	On	Off	Off
200MHz	66MHz	2.5x	Off	On	On	Off
200MHz	75MHz	2x	On	On	Off	Off
233MHz	66MHz	3x	Off	Off	On	Off
233MHz	75MHz	2.5x	On	On	On	Off
233MHz	83MHz	2x	Off	On	Off	Off
266MHz	66MHz	3.5x	Off	Off	Off	Off
266MHz	75MHz	3x	On	Off	On	Off
266MHz	83MHz	2.5x	Off	On	On	Off

CPU SPEED SELECTION (IBM/CX 6X86MX CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2x	Off	On	On	Off

200MHz	66MHz	2.5x	Off	On	On	Off
200MHz	75MHz	2x	Off	On	On	Off
233MHz	66MHz	3x	Off	On	On	Off
233MHz	75MHz	2.5x	Off	On	On	Off
233MHz	83MHz	2x	Off	On	On	Off
266MHz	66MHz	3.5x	Off	On	On	Off
266MHz	75MHz	3x	Off	On	On	Off
266MHz	83MHz	2.5x	Off	On	On	Off

CPU SPEED SELECTION (IBM/CX 6X86MX CON'T)				
CPU speed	Clock speed	Multiplier	JP8	JP9
166MHz	66MHz	2x	2 & 3	2 & 3
200MHz	66Mhz	2.5x	2 & 3	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3
233MHz	66MHz	3x	2 & 3	2 & 3
233MHz	75MHz	2.5x	1 & 2	2 & 3
233MHz	83MHz	2x	1 & 2	2 & 3
266MHz	66MHz	3.5x	2 & 3	2 & 3
266MHz	75MHz	3x	1 & 2	2 & 3
266MHz	83MHz	2.5x	1 & 2	2 & 3
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (CX MII)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
300MHz	66MHz	3.5x	Off	Off	Off	Off
333MHz	83MHz	3x	Off	Off	On	Off
333MHz	75MHz	3.5x	On	Off	Off	Off

CPU SPEED SELECTION (CX MII CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
300MHz	66MHz	3.5x	Off	On	On	Off
333MHz	83MHz	3x	Off	On	On	Off
333MHz	75MHz	3.5x	Off	On	On	Off

CPU SPEED SELECTION (CX MII CON'T)				
CPU speed	Clock speed	Multiplier	JP8	JP9
300MHz	66MHz	3.5x	2 & 3	2 & 3
333MHz	83MHz	3x	1 & 2	2 & 3
333MHz	75MHz	3.5x	1 & 2	2 & 3
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (IDT)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	3x	Off	Off	On	On
225MHz	75MHz	3x	On	Off	On	On
266MHz	66MHz	4x	Off	On	Off	On

CPU SPEED SELECTION (IDT CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
200MHz	66MHz	3x	On	On	On	Off
225MHz	75MHz	3x	On	On	On	Off
266MHz	66MHz	4x	On	On	On	On

CPU SPEED SELECTION (IDT CON'T)

CPU speed	Clock speed	Multiplier	JP8	JP9
200MHz	66MHz	3x	2 & 3	2 & 3
225MHz	75MHz	3x	1 & 2	2 & 3
266MHz	66MHz	3.5x	2 & 3	2 & 3
Note: Pins designated should be in the closed position.				