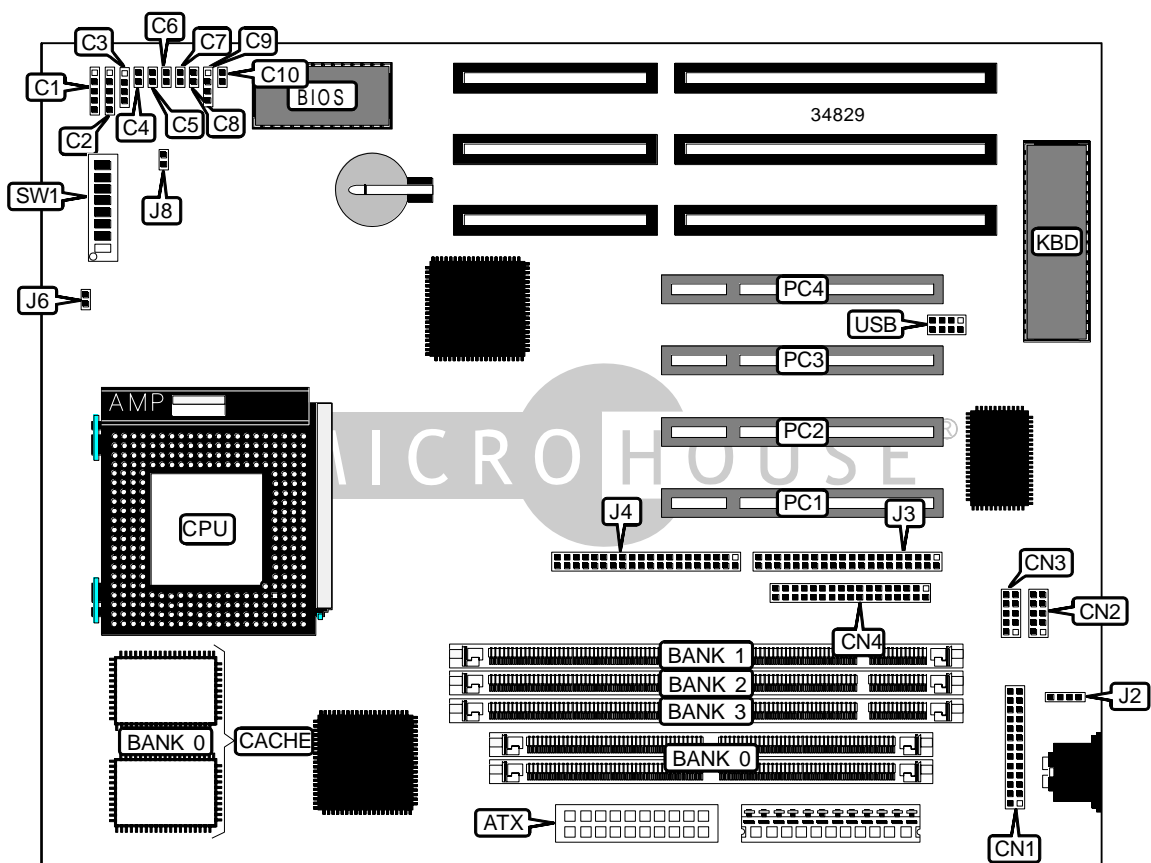


# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA - 5 8 6 T X 3

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium
<b>Processor Speed</b>	90/100/120/133/150/166/180/200/233MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	256MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	280mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	CN1
IR connector	C1	Serial port 2	CN2
Power LED & keylock	C2	Serial port 1	CN3
Speaker	C3	Floppy drive interface	CN4
Turbo LED	C4	PS/2 mouse interface	J2
Turbo switch	C5	IDE interface 2	J3
Reset switch	C6	IDE interface 1	J4
Green PC LED	C7	Chassis fan power	J6
Green PC connector	C8	32-bit PCI slots	PC1 – PC4
IDE interface LED	C9	USB connector	USB
Soft off power supply	C10		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
ATX select system after AC back: full on	J8	Closed
ATX select system after AC back: sat off	J8	Open

SIMM/DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	None	(1) 1M x 64	None	None
8MB	(2) 1M x 36	None	None	None
16MB	None	(1) 2M x 64	None	None
16MB	None	(1) 1M x 64	(1) 1M x 64	None
16MB	(2) 1M x 36	(1) 1M x 64	None	None
16MB	(2) 2M x 36	None	None	None
24MB	None	(1) 2M x 64	(1) 1M x 64	None
24MB	(2) 1M x 36	(1) 2M x 64	None	None
24MB	None	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
24MB	(2) 2M x 36	(1) 1M x 64	None	None
32MB	None	(1) 4M x 64	None	None
32MB	None	(1) 2M x 64	(1) 2M x 64	None
32MB	None	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(2) 2M x 36	(1) 2M x 64	None	None
32MB	(2) 4M x 36	None	None	None
40MB	None	(1) 4M x 64	(1) 1M x 64	None
40MB	(2) 1M x 36	(1) 4M x 64	None	None
40MB	None	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64

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DIMM/SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(2) 4M x 36	(1) 1M x 64	None	None
48MB	None	(1) 4M x 64	(1) 2M x 64	None
48MB	None	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(2) 2M x 36	(1) 4M x 64	None	None
48MB	None	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(2) 4M x 36	(1) 2M x 64	None	None
56MB	None	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	None	(1) 8M x 64	None	None
64MB	None	(1) 4M x 64	(1) 4M x 64	None
64MB	None	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(2) 4M x 36	(1) 4M x 64	None	None
64MB	(2) 8M x 36	None	None	None
72MB	None	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
72MB	(2) 8M x 36	(1) 1M x 64	None	None
80MB	None	(1) 8M x 64	(1) 2M x 64	None
80MB	None	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
80MB	(2) 8M x 36	(1) 2M x 64	None	None
96MB	None	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	None	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(2) 8M x 36	(1) 4M x 64	None	None
128MB	None	(1) 8M x 64	(1) 8M x 64	None
128MB	(2) 16M x 36	None	None	None
136MB	(2) 16M x 36	(1) 1M x 64	None	None
144MB	None	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
144MB	(2) 16M x 36	(1) 2M x 64	None	None
160MB	(2) 16M x 36	(1) 4M x 64	None	None
160MB	(2) 16M x 36	(1) 2M x 64	(1) 2M x 64	None
168MB	(2) 16M x 36	(1) 4M x 64	(1) 1M x 64	None
176MB	(2) 16M x 36	(1) 4M x 64	(1) 2M x 64	None
192MB	None	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(2) 32M x 36	None	None	None
Note: Board accepts EDO memory.				

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CACHE CONFIGURATION	
Size	Bank 0
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
150MHz	60MHz	2x	On	On	Off	Off
166MHz	66MHz	2x	Off	On	Off	Off

CPU SPEED SELECTION (IBM 6X86)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
150MHz	60MHz	2x	On	On	Off	Off
166MHz	66MHz	2x	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
150MHz	60MHz	2x	On	On	Off	Off
166MHz	66MHz	2x	Off	On	Off	Off

CPU SPEED SELECTION (IBM 6X86L)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
150MHz	60MHz	2x	On	On	Off	Off
166MHz	66MHz	2x	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
166MHz	60MHz	2.5x	On	On	On	Off
200MHz	66MHz	2.5x	Off	On	On	Off
233MHz	66MHz	3x	Off	Off	On	Off

CPU SPEED SELECTION (IBM 6X86MX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
166MHz	60MHz	2.5x	On	On	On	Off
200MHz	66MHz	2.5x	Off	On	On	Off
233MHz	66MHz	3x	Off	Off	On	Off

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CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
133MHz	66MHz	2x	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	On	On	Off

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
166MHz	66MHz	2.5x	Off	On	On	Off
180MHz	60MHz	3x	On	Off	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
90MHz	60MHz	1.5x	On	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	On	On	Off	Off
133MHz	66MHz	2x	Off	On	Off	Off
150MHz	60MHz	2.5x	On	On	On	Off
166MHz	66MHz	2.5x	Off	On	On	Off
180MHz	60MHz	3x	On	Off	On	Off
200MHz	66MHz	3x	Off	Off	On	Off

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/8
150MHz	60MHz	2.5x	On	On	On	Off
166MHz	66MHz	2.5x	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

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CPU VOLTAGE SELECTION				
Voltage	SW1/4	SW1/5	SW1/6	SW1/7
Auto	Off	Off	Off	On
2.0	Off	Off	Off	Off
2.1	Off	Off	On	Off
2.2	Off	On	Off	Off
2.3	Off	On	On	Off
2.4	On	Off	Off	Off
2.5	On	Off	On	Off
2.6	On	On	Off	Off
2.7	On	On	On	Off
2.8	Off	Off	Off	On
2.9	Off	Off	On	On
3.0	Off	On	Off	On
3.1	Off	On	On	On
3.2	On	Off	Off	On
3.3	On	Off	On	On
3.4	On	On	Off	On
3.5	On	On	On	On