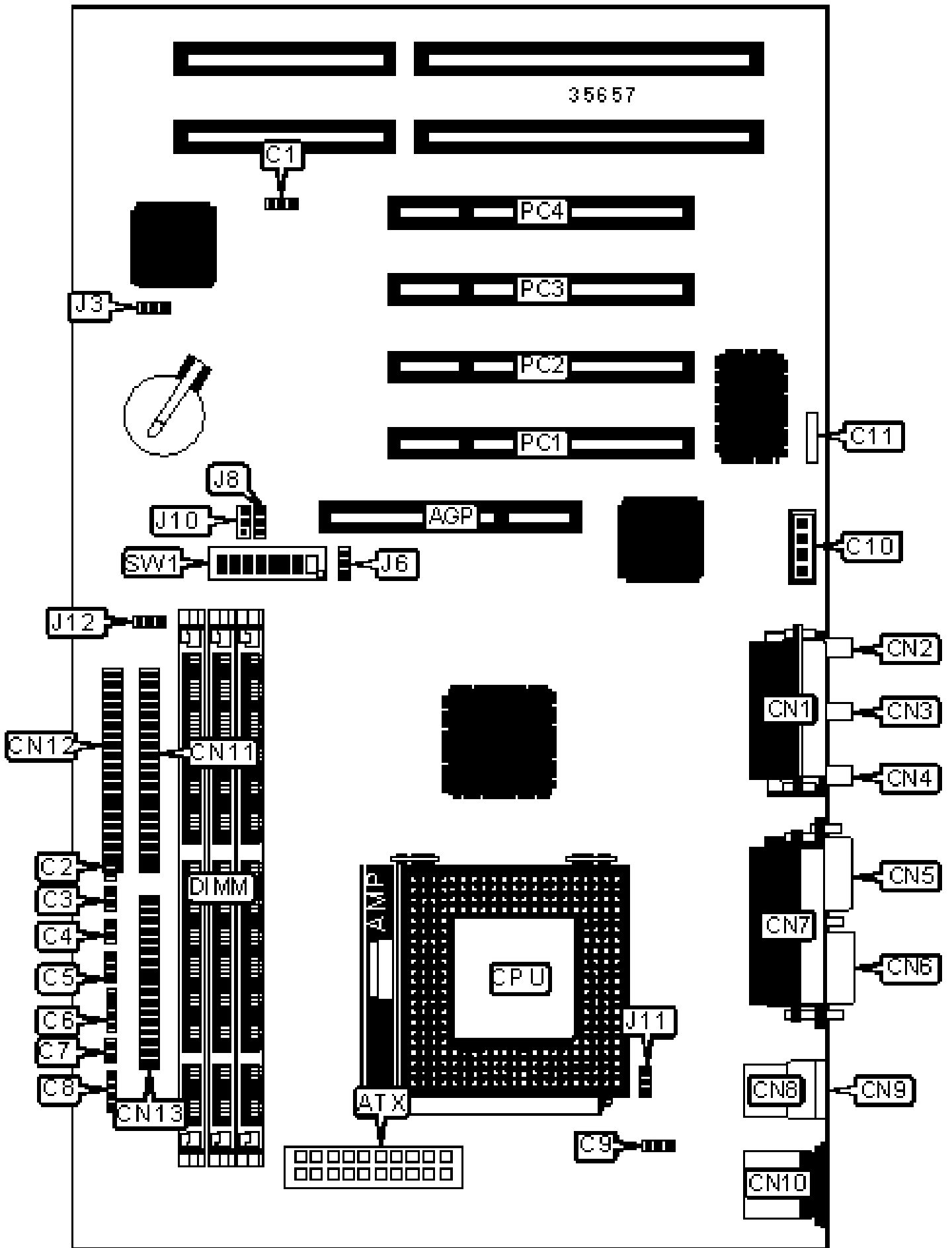


TRIGEM MICROSYSTEMS, INC.

LI545

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Microphone in	CN2
ATX power connector	ATX	Line in	CN3
Wake on LAN connector	C1	Line out	CN4
Reset switch	C2	Serial port 2	CN5
Soft off power supply	C3	Serial port 1	CN6
Green PC connector	C4	Parallel port	CN7
Power LED	C5	USB connector 1	CN8
IDE interface LED	C6	USB connector 2	CN9
Keylock	C7	PS/2 mouse port	CN10
Speaker	C8	IDE interface 1	CN11
CPU fan power	C9	IDE interface 2	CN12
Audio in – CD-ROM	C10	Floppy drive interface	CN13
IR connector	C11	32-bit PCI slots	PC1 – PC4
Game/MIDI port	CN1		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	J3	Pins 1 & 2 closed
CMOS memory clear	J3	Pins 2 & 3 closed
» Aging select final aging	J12	Pins 2 & 3 closed
Aging select normal	J12	Pins 1 & 2 closed
Password enabled	SW1/8	Off
Password disabled	SW1/8	On

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M 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
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M 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) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M 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
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
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) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M 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
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M 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
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M 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

192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
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
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
133MHz	60MHz	2x	2 & 3	On	Off	Off
166MHz	66MHz	2.5x	1 & 2	On	On	Off
200MHz	66MHz	2.5x	1 & 2	On	On	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
200MHz	66MHz	2.5x	1 & 2	On	On	Off
233MHz	66MHz	3x	1 & 2	Off	On	Off
266MHz	66MHz	3.5x	1 & 2	Off	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
120MHz	60MHz	2x	2 & 3	On	Off	Off
133MHz	66MHz	2x	1 & 2	On	Off	Off
150MHz	60MHz	2.5x	2 & 3	On	On	Off
166MHz	66MHz	2.5x	1 & 2	On	On	Off
200MHz	66MHz	3x	1 & 2	Off	On	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
166MHz	66MHz	2.5x	1 & 2	On	On	Off
200MHz	66MHz	3x	1 & 2	Off	On	Off
233MHz	66MHz	3.5x	1 & 2	Off	Off	Off
266MHz	66MHz	4x	1 & 2	On	Off	On
300MHz	66MHz	4.5x	1 & 2	Off	On	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
90MHz	60MHz	1.5x	2 & 3	Off	Off	Off
100MHz	66MHz	1.5x	1 & 2	Off	Off	Off
120MHz	60MHz	2x	2 & 3	On	Off	Off
133MHz	66MHz	2x	1 & 2	On	Off	Off
150MHz	60MHz	2.5x	2 & 3	On	On	Off
166MHz	66MHz	2.5x	1 & 2	On	On	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	J6	SW1/5	SW1/6	SW1/7
120MHz	60MHz	2x	2 & 3	On	Off	Off
133MHz	66MHz	2x	1 & 2	On	Off	Off
150MHz	60MHz	2.5x	2 & 3	On	On	Off
166MHz	66MHz	2.5x	1 & 2	On	On	Off
200MHz	66MHz	3x	1 & 2	Off	On	Off
233MHz	66MHz	3.5x	1 & 2	Off	Off	Off

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	J11	SW1/1	SW1/2	SW1/3	SW1/4
2.2v	1 & 2	On	On	Off	Off
2.8v	1 & 2	Off	Off	Off	On
2.9v	1 & 2	On	Off	Off	On
3.2v	1 & 2	Off	Off	On	On
3.4v	2 & 3	Off	On	On	On

Note: Pins designated should be in the closed position.

MOTHERBOARD SELECTION

Setting	J8	J10
No sound and no hardware monitoring	Pins 2 & 3 closed	Pins 2 & 3 closed
No sound with hardware monitoring	Pins 2 & 3 closed	Pins 1 & 2 closed
Sound and hardware monitoring	Pins 1 & 2 closed	Pins 2 & 3 closed