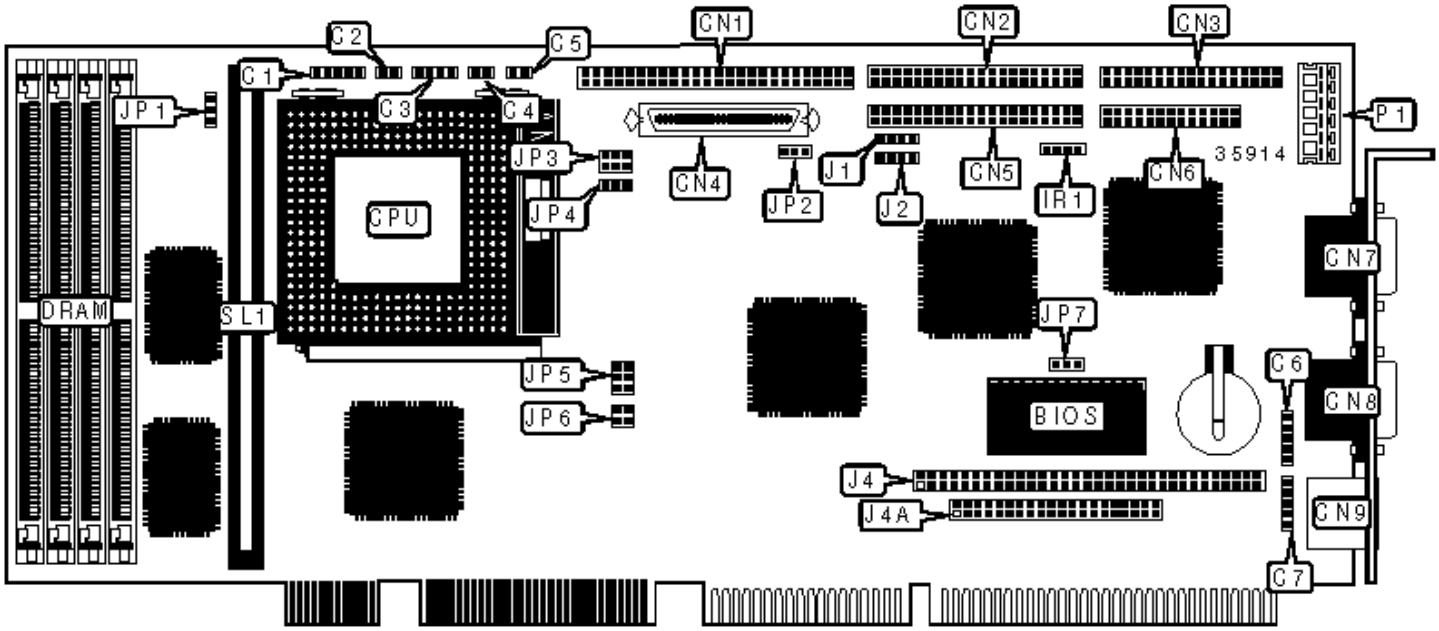
AAEON TECHNOLOGY, INC.

SBC-570

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Power LED & keylock	C1	Parallel port	CN6
Reset switch	C2	Serial port 1	CN7
Speaker	C3	Serial port 2	CN8
IDE interface LED	C4	PS/2 mouse port	CN9
SCSI interface LED	C5	IR connector	IR1
PS/2 mouse interface	C6	USB connector 1	J1
Auxiliary keyboard connector	C7	USB connector 2	J2
SCSI interface	CN1	PC/104 connector	J4
IDE interface 1	CN2	PC/104 connector	J4A
Floppy drive interface	CN3	5v power	P1
Wide SCSI interface	CN4	Cache slot	SL1
IDE interface 2	CN5		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	SCSI termination enabled	JP2	Pins 1 & 2 closed
	SCSI termination select by SCSI BIOS	JP2	Pins 2 & 3 closed
»	Flash BIOS write protect disabled	JP7	Pins 1 & 2 closed
	Flash BIOS write protect enabled	JP7	Pins 2 & 3 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None

16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory.		

CACHE CONFIGURATION

Size	SL1
256KB	256KB module installed
512KB	512KB module installed

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP5	JP6
120MHz	50MHz	2x	2 & 4, 3 & 5	1 & 2, 3 & 4
133MHz	55MHz	2x	2 & 4, 3 & 5	Open
150MHz	60MHz	2x	2 & 4, 3 & 5	1 & 2
166MHz	66MHz	2x	2 & 4, 3 & 5	3 & 4
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (CX 6X86MX)				
CPU speed	Clock speed	Multiplier	JP5	JP6
166MHz	66MHz	2.5x	3 & 5, 4 & 6	3 & 4
200MHz	66MHz	3x	1 & 3, 4 & 6	3 & 4
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (AM K5)				
CPU speed	Clock speed	Multiplier	JP5	JP6
75MHz	50MHz	1.5x	1 & 3, 2 & 4	1 & 2, 3 & 4
90MHz	60MHz	1.5x	1 & 3, 2 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 3, 2 & 4	3 & 4
120MHz	60MHz	2x	2 & 4, 3 & 5	1 & 2
133MHz	66MHz	2x	2 & 4, 3 & 5	3 & 4
150MHz	60MHz	2.5x	3 & 5, 4 & 6	1 & 2
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (AM K6)				
CPU speed	Clock speed	Multiplier	JP5	JP6
166MHz	66MHz	2.5x	3 & 5, 4 & 6	3 & 4
200MHz	66MHz	3x	1 & 3, 4 & 6	3 & 4
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (INTEL)				
CPU speed	Clock speed	Multiplier	JP5	JP6
75MHz	50MHz	1.5x	1 & 3, 2 & 4	1 & 2, 3 & 4

90MHz	60MHz	1.5x	1 & 3, 2 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 3, 2 & 4	3 & 4
120MHz	60MHz	2x	2 & 4, 3 & 5	1 & 2
133MHz	66MHz	2x	2 & 4, 3 & 5	3 & 4
150MHz	60MHz	2.5x	3 & 5, 4 & 6	1 & 2
166MHz	66MHz	2.5x	3 & 5, 4 & 6	3 & 4
200MHz	66MHz	3x	1 & 3, 4 & 6	3 & 4
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (INTEL MMX)				
CPU speed	Clock speed	Multiplier	JP5	JP6
166MHz	66MHz	2.5x	3 & 5, 4 & 6	3 & 4
200MHz	66MHz	3x	1 & 3, 4 & 6	3 & 4
Note: Pins designated should be in the closed position.				

CPU TYPE SELECTION		
Type		JP3
»	Single voltage	Pins 1 & 2, 3 & 4, 5 & 6 closed
	Dual voltage	Open

CPU VOLTAGE SELECTION (SINGLE)			
Voltage		JP1	JP4
	3.3v	Pins 1 & 2 closed	Pins 2 & 3 closed
»	3.45v	Pins 2 & 3 closed	Open
	3.52v	Open	Open

CPU VOLTAGE SELECTION (DUAL)		
Voltage		JP4
	2.8v	Pins 1 & 2 closed
	2.9v	Pins 2 & 3 closed
»	3.2v	Open