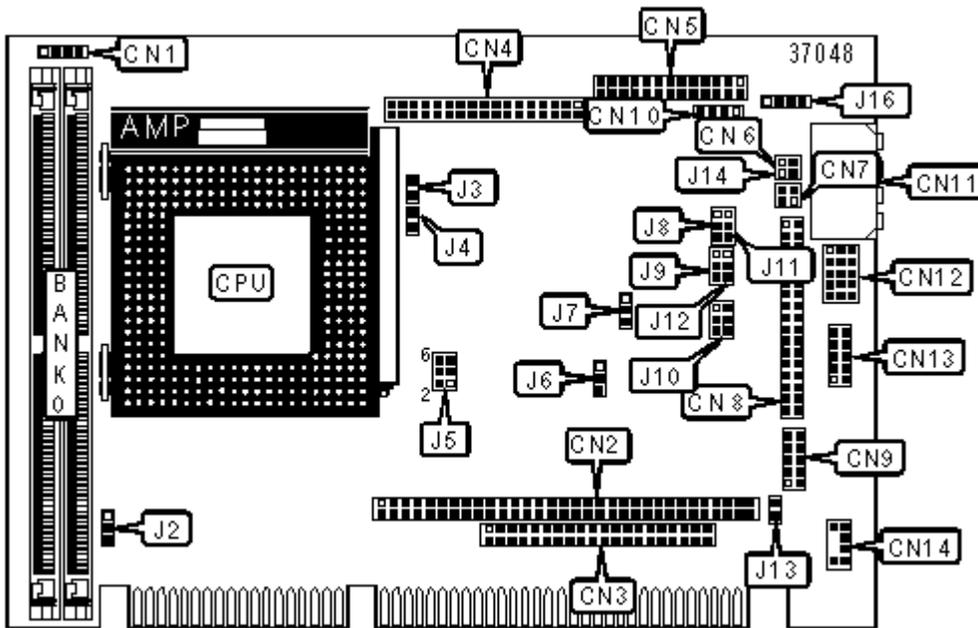


ADVANTECH CO., LTD.

PCA-6151

Device Type	Single Board Computer
Processor	CX 6X86L/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	SIS
Video Chip Set	Unidentified
Maximum Onboard Memory	64MB
Maximum Video Memory	Unidentified
Cache	256/512KB
BIOS	Award
Dimensions	185mm x 122mm
I/O Options	Floppy drive interface, IDE interface, parallel port, PS/2 mouse & keyboard interface, serial interfaces (2), VGA interface, PC/104 connector (16-bit)



CONNECTIONS

Purpose	Location	Purpose	Location
Keyboard lock connector	CN1	Floppy drive interface	CN8
PC/104 connector (8-bit)	CN2	Serial interface 2	CN9
PC/104 connector (16-bit)	CN3	Auxilliary keyboard connector	CN10
IDE interface	CN4	Power connection	CN11
Parallel port	CN5	VGA interface	CN12
IDE interface LED	CN6	Serial port 1	CN13
Peripheral power input connector	CN7	PS/2 mouse/keyboard interface	CN14

USER CONFIGURABLE SETTINGS

Function		Label	Position
	CPU voltage 3.3v	J2	Pins 1 & 2 closed
	CPU voltage 3.45v	J2	Pins 2 & 3 closed
»	Watchdog timer generates system reset	J7	Pins 1 & 2 closed
	Watchdog timer generates through IRQ15	J7	Pins 2 & 3 closed
»	CMOS memory normal operation	J13	Open
	CMOS memory clear	J13	Closed
	Buzzer enabled	J16	Pins 3 & 4 closed
	Buzzer disabled	J16	Open

SIMM CONFIGURATION

Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	J3	J4	J5
75MHz	50MHz	1.5x	Open	Open	Pins 1 & 2, 3 & 4 closed
90MHz	60MHz	1.5x	Open	Open	Pins 1 & 2 closed
100MHz	50MHz	2x	Closed	Open	Pins 1 & 2, 3 & 4 closed
120MHz	60MHz	2x	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Pins 1 & 2 closed
166MHz	66MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Closed	Open

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	J3	J4	J5
75MHz	50MHz	1.5x	Open	Open	Pins 1 & 2, 3 & 4 closed
90MHz	60MHz	1.5x	Open	Open	Pins 1 & 2 closed
100MHz	50MHz	2x	Closed	Open	Pins 1 & 2, 3 & 4 closed
120MHz	60MHz	2x	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Pins 1 & 2 closed
166MHz	66MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Closed	Open

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	J3	J4	J5
75MHz	50MHz	1.5x	Open	Open	Pins 1 & 2, 3 & 4 closed
90MHz	60MHz	1.5x	Open	Open	Pins 1 & 2 closed
100MHz	50MHz	2x	Closed	Open	Pins 1 & 2, 3 & 4 closed
120MHz	60MHz	2x	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Pins 1 & 2 closed
166MHz	66MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Closed	Open

SERIAL PROTOCOL SELECTION

Protocol	J8	J9	J10	J11	J12
RS-232	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
RS-422	2 & 3	2 & 3	3 & 4	2 & 3	2 & 3
RS-485	2 & 3	2 & 3	5 & 6	2 & 3	2 & 3

Note: Pins are in the closed position.