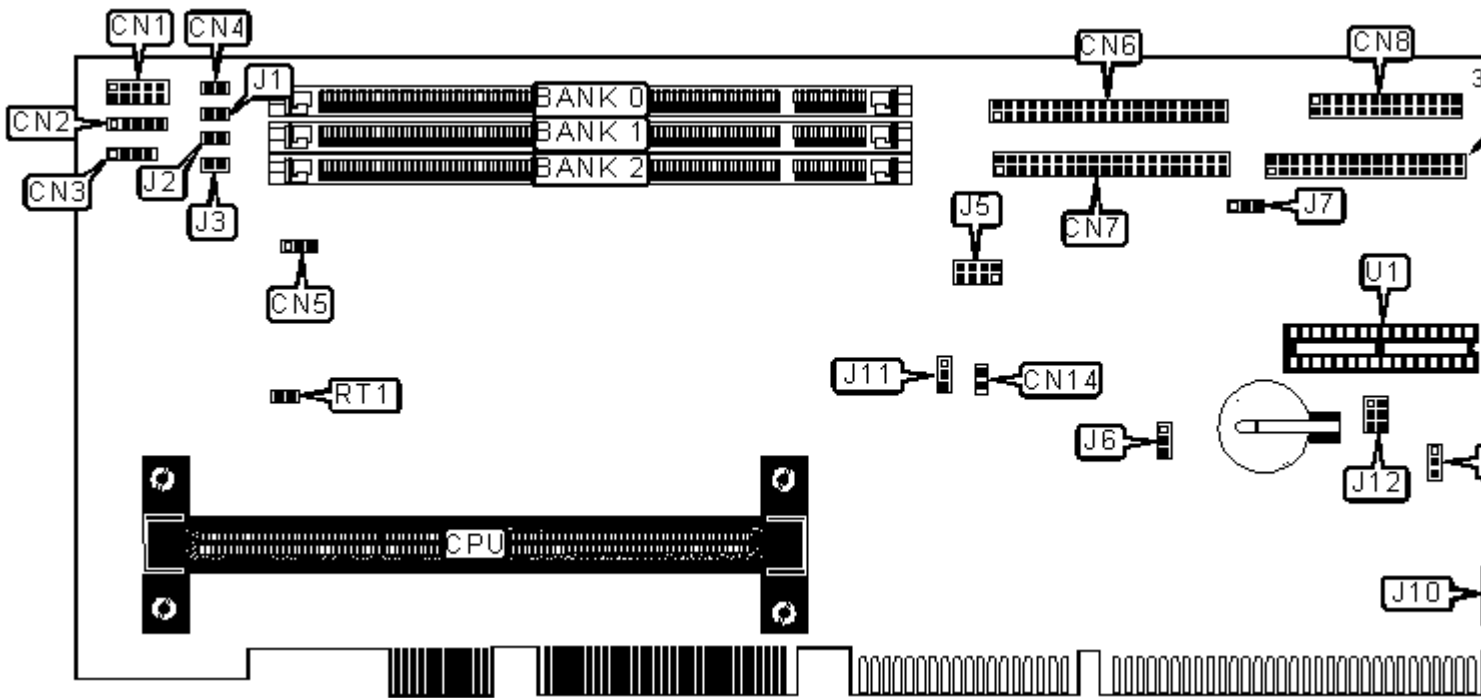


# AAEON TECHNOLOGY, INC.

## SBC-775

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333MHz
<b>Chip Set</b>	Intel 440LX
<b>Maximum Onboard Memory</b>	384MB (SDRAM supported)
<b>Cache</b>	256/512KB (located on the Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	338mm x 122mm
<b>I/O Options</b>	Floppy drive interface, green PC connector, IDE interfaces (2), parallel interface, PS/2 mouse/keyboard port, keyboard interface, serial ports (2), IR connector, USB interface, ATX feature connector, DiskOnChip socket
<b>Data Bus</b>	32-bit PCI/16-bit ISA



CONNECTIONS			
Purpose	Location	Purpose	Location
IR connector	CN1	PS/2 mouse/keyboard port	CN12
Power LED & keylock	CN2	Floppy drive interface	CN13
Speaker	CN3	Reserved	CN14
IDE interface LED	CN4	Power switch	J1
CPU fan power	CN5	Reset switch	J2
IDE interface 1	CN6	Green PC connector	J3
IDE interface 2	CN7	ATX feature connector	J7

Parallel interface	CN8	Keyboard interface	J10
Serial port 1	CN9	Reserved	RT1
Serial port 2	CN10	DiskOnChip socket	U1
USB interface	CN11		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J6	Pins 1 & 2 closed
	CMOS memory clear	J6	Pins 2 & 3 closed
»	Watchdog timer output selection reset	J8	Pins 2 & 3 closed
	Watchdog timer output selection IRQ11	J8	Pins 1 & 2 closed
»	CPU clock speed 66MHz	J11	Pins 1 & 2 closed
	CPU clock speed 75MHz	J11	Pins 2 & 3 closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64

96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
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 supports SDRAM memory.			

### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

### CPU SPEED SELECTION

Speed	J5/Pins 1 & 2	J5/Pins 3 & 4	J5/Pins 5 & 6	J5/Pins 7 & 8
233MHz	Closed	Closed	Closed	Open
266MHz	Open	Open	Open	Open
300MHz	Open	Open	Closed	Open
333MHz	Open	Closed	Open	Open

### DISKONCHIP ADDRESS SELECTION

Address	J12/Pins 1 & 2	J12/Pins 3 & 4	J12/Pins 5 & 6
C800	Closed	Closed	Closed
CC00	Closed	Closed	Open
D000	Closed	Open	Closed

	D400	Closed	Open	Open
	D800	Open	Closed	Closed
	DC00	Open	Closed	Open
	E000	Open	Open	Closed
»	Disabled	Open	Open	Open