# ACER, INC.

S7SXB

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/CX MII/AM K5/AM K6/AM K6-2/AM K6-III/IDT Winchip 2/Pentium/Pentium MMX
Processor Speed	133/166/200/225/233/266/300/333/350/366/380/400/450/475/500MHz
Chip Set	SIS
Video Chip Set	SIS
Audio Chip Set	ESS
Maximum Onboard Memory	1.5GB (EDO & SDRAM supported) Unified Memory Architecture (UMA)
Maximum Audio Memory	Unidentified
Cache	512/1024KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (3),floppy drive interface, game/MIDI interface, IDE interfaces (2), parallel interface, PS/2 mouse interface, keyboard connector, serial interfaces (2), VGA feature connector, IR connector, USB interfaces (2), ATX power connector, AT power connector, audio connector, audio in - CD-ROMs (2)
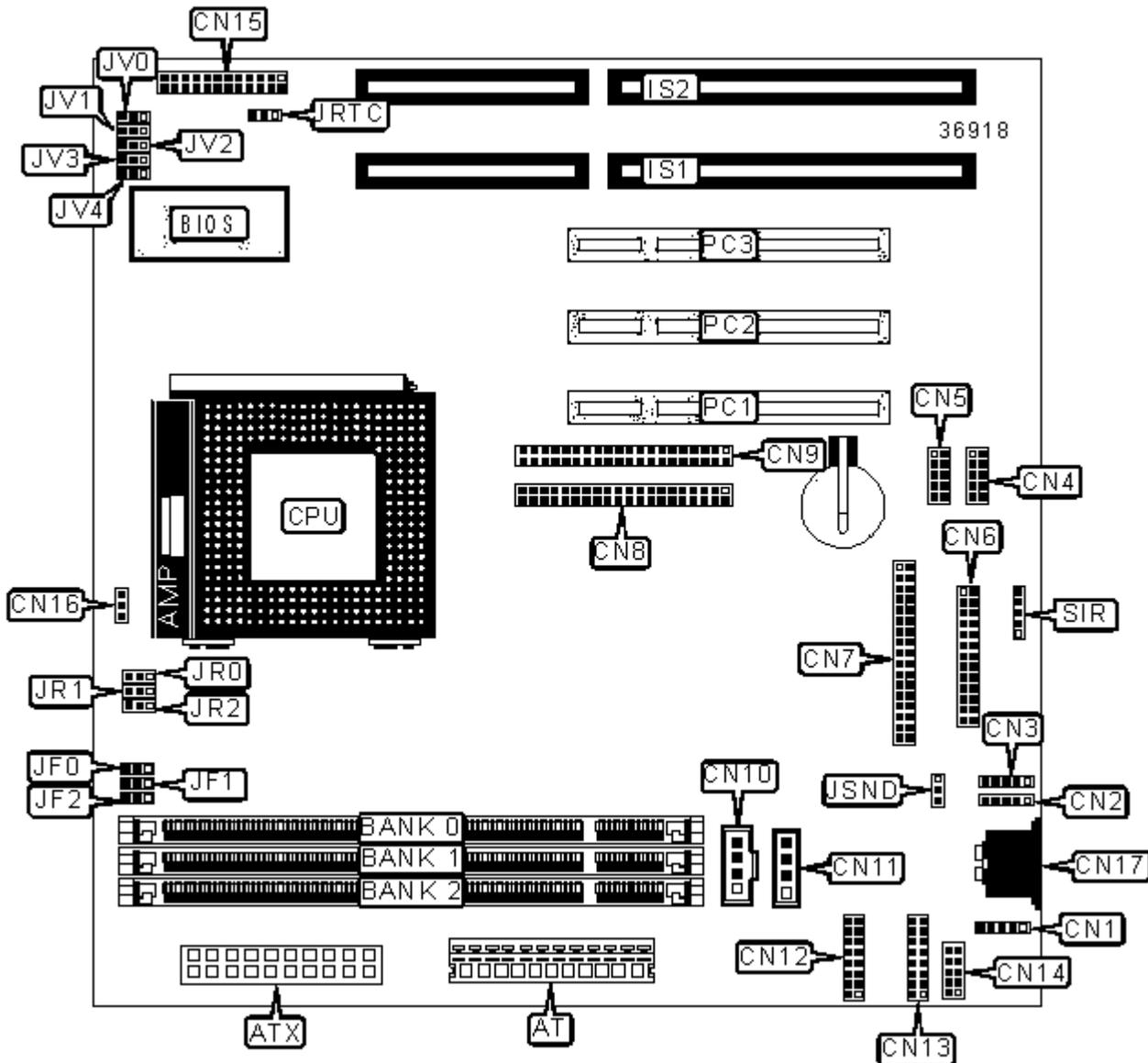
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AT power connector	AT	Game/MIDI interface	CN13
ATX power connector	ATX	audio connector	CN14
PS/2 mouse interface	CN1	Green PC LED	CN15/Pins 1 & 2
USB interface 1	CN2	Reset switch	CN15/Pins 3 & 4
USB interface 2	CN3	IDE interface LED	CN15/Pins 6 & 7
Serial interface 2	CN4	Power switch	CN15/Pins 9 & 10
Serial interface 1	CN5	Power LED & keylock	CN15/Pins 14-18
Parallel interface	CN6	Speaker	CN15/Pins 20-23
Floppy drive interface	CN7	CPU fan power	CN16
IDE interface 1	CN8	Keyboard connector	CN17
IDE interface 2	CN9	16-bit ISA slots	IS1-IS2
Audio in - CD-ROM (Sony)	CN10	32-bit PCI slots	PC1 - PC3
Audio in - CD-ROM (Mitsumi)	CN11	IR connector	SIR
VGA feature connector	CN12		

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JRTC	Pins 2 & 3 closed
	CMOS memory clear	JRTC	Pins 1 & 2 closed
»	On-board audio enabled	JSND	Pins 1 & 2 closed
	On-board audio disabled	JSND	Pins 2 & 3 closed

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) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	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) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 8M x 64	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) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 64M x 64	None	None

512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
528MB	(1) 64M x 64	(1) 1M x 64	(1) 1M x 64
544MB	(1) 64M x 64	(1) 2M x 64	(1) 2M x 64
576MB	(1) 64M x 64	(1) 4M x 64	(1) 4M x 64
640MB	(1) 64M x 64	(1) 8M x 64	(1) 8M x 64
768MB	(1) 64M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None
1024MB	(1) 64M x 64	(1) 32M x 64	(1) 32M x 64
1032MB	(1) 64M x 64	(1) 64M x 64	(1) 1M x 64
1040MB	(1) 64M x 64	(1) 64M x 64	(1) 2M x 64
1056MB	(1) 64M x 64	(1) 64M x 64	(1) 4M x 64
1088MB	(1) 64M x 64	(1) 64M x 64	(1) 8M x 64
1152MB	(1) 64M x 64	(1) 64M x 64	(1) 16M x 64
1280MB	(1) 64M x 64	(1) 64M x 64	(1) 32M x 64
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64

Note: Board supports EDO & SDRAM memory

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3

200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	75MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
266MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
266MHz	83MHz	2.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX MII)								
CPU speed	**Clock speed**	**Multiplier**	**JF0**	**JF1**	**JF2**	**JR0**	**JR1**	**JR2**
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
333MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
333MHz	83MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
350MHz	95MHz	3x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
366MHz	75MHz	4x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
366MHz	83MHz	3.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
366MHz	100MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
366MHz	100MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
400MHz	100MHz	3.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K5)								
CPU speed	**Clock speed**	**Multiplier**	**JF0**	**JF1**	**JF2**	**JR0**	**JR1**	**JR2**

133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**JF0**	**JF1**	**JF2**	**JR0**	**JR1**	**JR2**
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K6-2)								
CPU speed	**Clock speed**	**Multiplier**	**JF0**	**JF1**	**JF2**	**JR0**	**JR1**	**JR2**
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
300MHz	100MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
333MHz	95MHz	3.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
350MHz	100MHz	3.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
380MHz	95MHz	4x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
400MHz	100MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
450MHz	100MHz	4.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
475MHz	95MHz	5x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
500MHz	100MHz	5x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K6-III)

CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2
400MHz	100MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
450MHz	100MHz	4.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
475MHz	95MHz	5x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
500MHz	100MHz	5x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IDT WINCHIP 2)

CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	100MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
225MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
233MHz	100MHz	2.33x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
266MHz	100MHz	2.66x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
300MHz	100MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JF0	JF1	JF2	JR0	JR1	JR2

166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3

Note: Designated pins should be in the closed position.

CPU VOLTAGE SELECTION					
Voltage	**JV0**	**JV1**	**JV2**	**JV3**	**JV4**
2.2v	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
2.4v	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
2.8v	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
2.9v	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
3.2v	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
3.3v	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
3.5v	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Designated pins should be in the closed position.