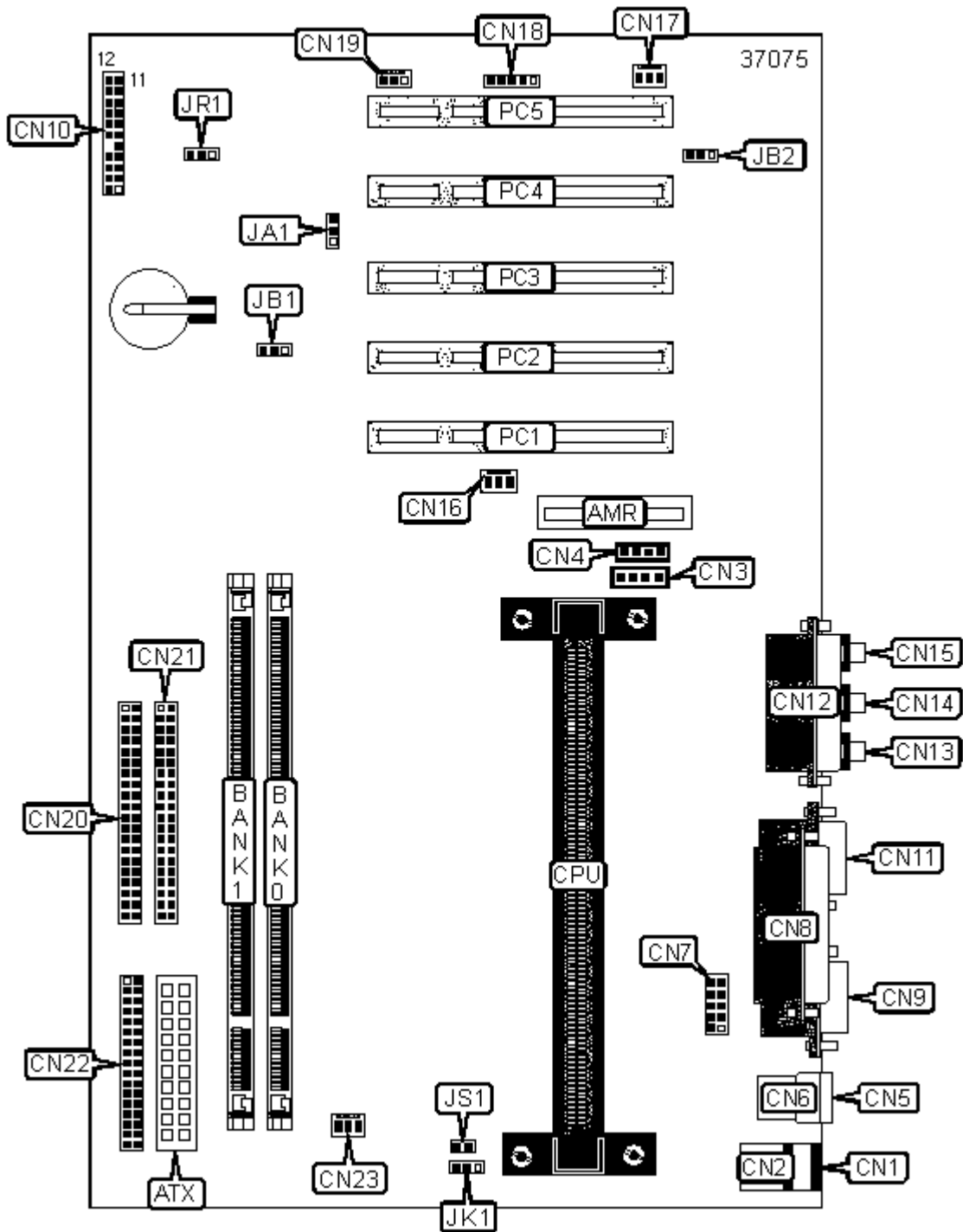


## **SUPERPOWER COMPUTER CO., LTD.**

SP-6XW, SP-6XW-D, SP-6XW-E

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron/Pentium II/Pentium III
<b>Processor Speed</b>	233/266/300/333/350/366/400/433/450/500/ 533/550/600/650/667/700/733MHz
<b>Chip Set</b>	Intel 810
<b>Video Chip Set</b>	Unidentified
<b>Audio Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	512MB (SDRAM supported)
<b>Maximum Video Memory</b>	4MB (6XW-D & 6XW-E), Unidentified (6XW)
<b>Maximum Audio Memory</b>	Unidentified
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	305mm x 190mm
<b>I/O Options</b>	32-bit PCI slots (5), Audio/modem riser slot, ATX power connector, audio in - CD-ROMs (2), floppy drive interface, game/MIDI port, green PC switch, IDE interfaces (2), IR connector, line in, line out, microphone in, parallel port, PS/2 keyboard port, PS/2 mouse port, serial interface, serial port, USB ports (2), VGA port, Wake-on-LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
Audio/modem riser slot	AMR	PS-ON	CN10/Pins 11 & 12
ATX power connector	ATX	Speaker	CN10/Pins 19 - 22
PS/2 keyboard port	CN1	VGA port	CN11
PS/2 mouse port	CN2	Game/MIDI port	CN12
Audio in - CD-ROM	CN3	Line out	CN13

Audio in - CD-ROM	CN4	Line in	CN14
USB port 1	CN5	Microphone in	CN15
USB port 2	CN6	System fan power	CN16
Serial interface	CN7	System fan power	CN17
Parallel port	CN8	IR connector	CN18
Serial port 1	CN9	Wake-on-LAN connector	CN19
Power LED	CN10/Pins 1 - 3	IDE interface 1	CN20
Keylock	CN10/Pins 4 & 5	IDE interface 2	CN21
IDE interface LED	CN10/Pins 6 & 17	Floppy drive interface	CN22
Green PC switch	CN10/Pins 7 & 16	CPU fan power	CN23
Reset switch	CN10/Pins 8 & 15	32-bit PCI slots	PC1 - PC5
Green PC LED	CN10/Pins 10 & 13		

#### USER CONFIGURABLE SETTINGS

Function		Label	Position
	Onboard audio enabled	JA1	Pins 1 & 2 closed
	Onboard audio disabled	JA1	Pins 2 & 3 closed
»	CMOS memory normal operation	JB1	Pins 1 & 2 closed
	CMOS memory clear	JB1	Pins 2 & 3 closed
»	I/O keyboard password normal operation	JB2	Pins 1 & 2 closed
	I/O keyboard password clear	JB2	Pins 2 & 3 closed
»	Power-on by keyboard disabled	JK1	Pins 1 & 2 closed
	Power-on by keyboard enabled	JK1	Pins 2 & 3 closed
»	Random Number Generator disabled	JR1	Pins 1 & 2 closed
	Random Number Generator enabled	JR1	Pins 2 & 3 closed
»	CPU host bus frequency detected automatically	JS1	Closed
	CPU host bus frequency is 100MHz	JS1	Open

## DIMM CONFIGURATION

<b>Size</b>	<b>Bank 0</b>	<b>Bank 1</b>
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

Note: Board supports SDRAM memory.

Note: PC100 modules must be used.

### **CACHE CONFIGURATION**

Note: 128KB cache is located on Celeron 300A and greater CPUs. 256/512KB cache is located on the Pentium II and Pentium III CPUs.