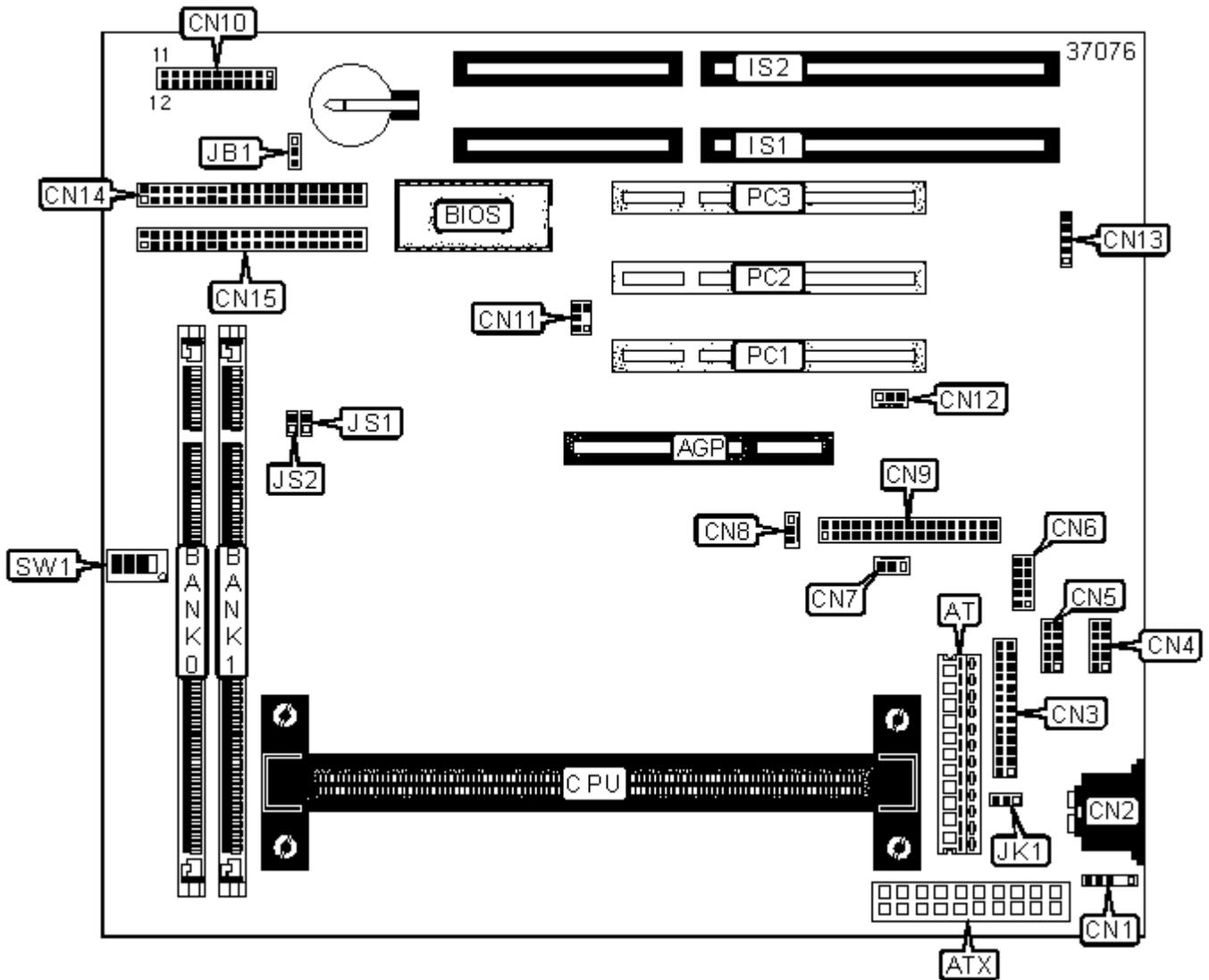


SUPERPOWER COMPUTER CO., LTD.

SP-6BV-A66

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/500MHz
Chip Set	VIA
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	220mm x 240mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (3), AGP slot, ATX power connector, ATX power connector, floppy drive interface, green PC switch, IDE interfaces (2), IR connector, keyboard port, parallel interface, PS/2 mouse interface, serial interfaces (2), USB interface, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface LED	CN10/Pins 6 & 17

AT power connector	AT	Green PC switch	CN10/Pins 7 & 16
ATX power connector	ATX	Reset switch	CN10/Pins 8 & 15
PS/2 mouse interface	CN1	Turbo LED	CN10/Pins 9 & 14
Keyboard port	CN2	Green PC LED	CN10/Pins 10 & 13
Parallel port	CN3	PS-ON	CN10/Pins 11 & 12
Serial interface 1	CN4	Speaker	CN10/Pins 19 - 22
Serial interface 2	CN5	SB-Link connector	CN11
USB interface	CN6	System fan power	CN12
CPU fan power	CN7	IR connector	CN13
Wake-on-LAN connector	CN8	IDE interface 2	CN14
Floppy drive interface	CN9	IDE interface 1	CN15
Power LED	CN10/Pins 1 - 3	16-bit ISA slots	IS1 - IS2
Keylock	CN10/Pins 4 & 5	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JB1	Pins 1 & 2 closed
	CMOS memory clear	JB1	Pins 2 & 3 closed
»	Power-on by keyboard disabled	JK1	Pins 1 & 2 closed
	Power-on by keyboard enabled	JK1	Pins 2 & 3 closed
	CPU host bus frequency detected automatically	JS1	Closed
	CPU host bus frequency not detected automatically	JS1	Open
	66MHz bus speed	JS2	Closed
	100MHz bus speed	JS2	Open

Note: JS1 setting of auto detect bus speed (closed) will override the bus speed set by JS2.

DIMM CONFIGURATION

Size	Bank 0	Bank 1
------	--------	--------

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 EDO & SDRAM memory.

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.

CPU SPEED SELECTION (CELERON)

CPU Speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4.0x	On	On	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
333MHz	66MHz	5.0x	On	On	Off	Off
366MHz	66MHz	5.5x	On	Off	Off	Off
400MHz	66MHz	6.0x	Off	On	On	On
433MHz	66MHz	6.5x	Off	Off	On	On

CPU SPEED SELECTION (PENTIUM II)

CPU Speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4.0x	On	On	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
333MHz	66MHz	5.0x	On	On	Off	Off
350MHz	100MHz	3.5x	On	Off	Off	On
400MHz	100MHz	4.0x	On	On	On	Off
450MHz	100MHz	4.5x	On	Off	On	Off

CPU SPEED SELECTION (PENTIUM III)

CPU Speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
450MHz	100MHz	4.5x	On	Off	On	Off
500MHz	100MHz	5.0x	On	On	Off	Off