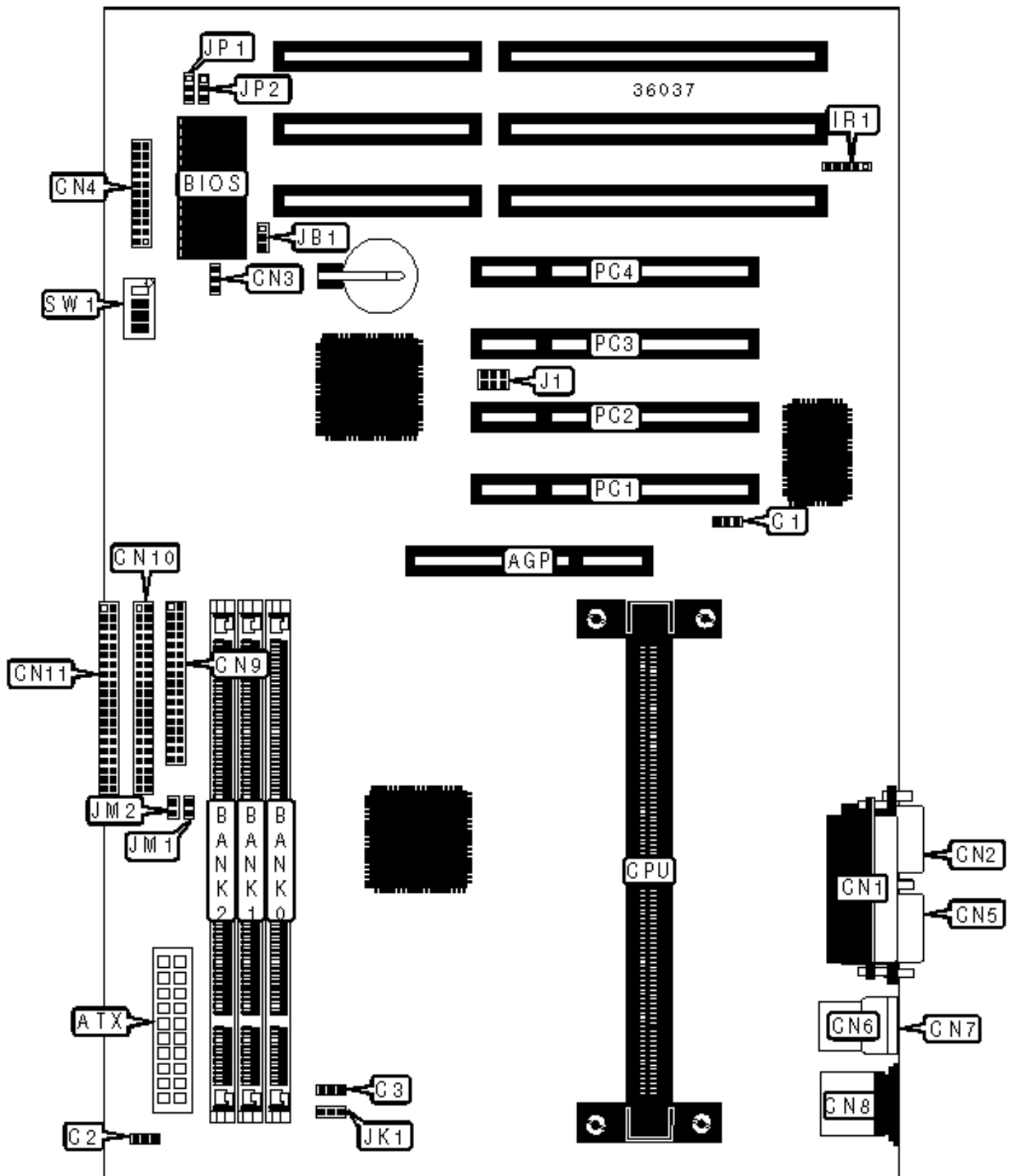


SUPERPOWER COMPUTER CO., LTD.

SP-P2BXA

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Green PC LED	CN4/pins 10 & 13
ATX power connector	ATX	Soft off power supply	CN4/pins 11 & 12
AGP fan power	C1	Speaker	CN4/pins 19 - 22
Chassis fan power	C2	Serial port 1	CN5
CPU fan power	C3	USB connector 1	CN6
Parallel port	CN1	USB connector 2	CN7
Serial port 2	CN2	PS/2 mouse port	CN8
Wake on LAN connector	CN3	Floppy drive interface	CN9
Power LED & keylock	CN4/pins 1 - 5	IDE interface 2	CN10
IDE interface LED	CN4/pins 6 & 17	IDE interface 1	CN11
Green PC connector	CN4/pins 7 & 16	IR connector	IR1
Reset switch	CN4/pins 8 & 15	SB-link connector	J1
Turbo LED	CN4/pins 9 & 14	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JB1	Pins 1 & 2 closed
CMOS memory clear	JB1	Pins 2 & 3 closed
Keyboard power on enabled	JK1	Pins 2 & 3 closed
Keyboard power on disabled	JK1	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP1	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP1	Pins 1 & 2 closed
» AC recovery disabled	JP2	Pins 1 & 2 closed
AC recovery enabled	JP2	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) 2M 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) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64

80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
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) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None

272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts EDO & SDRAM memory.			

CACHE CONFIGURATION

256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JM1	JM2	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	3x	Closed	Closed	On	On	Off	On
233MHz	66MHz	3.5x	Closed	Closed	On	Off	Off	On
266MHz	66MHz	4x	Closed	Closed	On	On	On	Off
300MHz	66MHz	4.5x	Closed	Closed	On	Off	On	Off
300MHz	100MHz	3x	Open	Open	On	On	Off	On
333MHz	66MHz	5x	Closed	Closed	On	On	Off	Off
366MHz	66MHz	5.5x	Closed	Closed	On	Off	Off	Off

350MHz	100MHz	3.5x	Open	Open	On	Off	Off	On
400MHz	100MHz	4x	Open	Open	On	On	On	Off
450MHz	100MHz	4.5x	Open	Open	On	Off	On	Off
500MHz	100MHz	5x	Open	Open	On	On	Off	Off
550MHz	100MHz	5.5x	Open	Open	On	Off	Off	Off