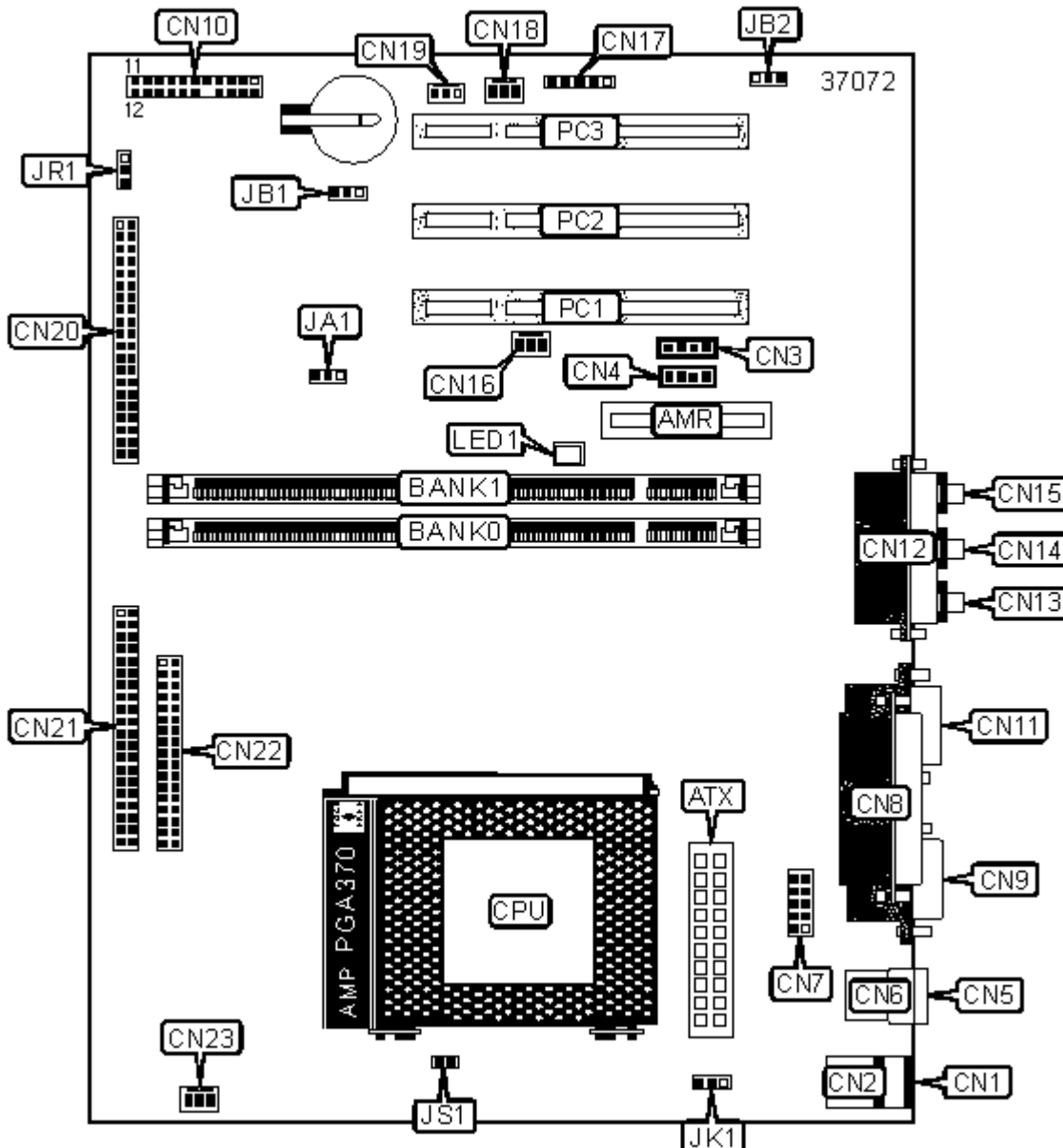


SUPERPOWER COMPUTER CO., LTD.

SP-7MW, SP-7MW-D, SP-7MW-L

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500MHz
Chip Set	Intel 810
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	4MB (7MW-D), Unidentified (7MW, 7MW-L)
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	245mm x 190mm
I/O Options	32-bit PCI slots (3), 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 2	CN7	IR connector	CN17
Parallel port	CN8	System fan power	CN18
Serial port 1	CN9	Wake-on-LAN connector	CN19
Power LED	CN10/Pins 1 - 3	IDE interface 2	CN20
Keylock	CN10/Pins 4 & 5	IDE interface 1	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 - PC3
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

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 SDRAM memory.
Note: PC100 modules must be used.

CACHE CONFIGURATION

Note: 128KB cache is located on Celeron 300A and greater CPUs.

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Unidentified	On	ATX power is connected
LED1	Unidentified	Off	ATX power is not connected

Note: If LED1 is on, do not insert or remove DIMM module from DIMM slot. Power connector must first be removed.