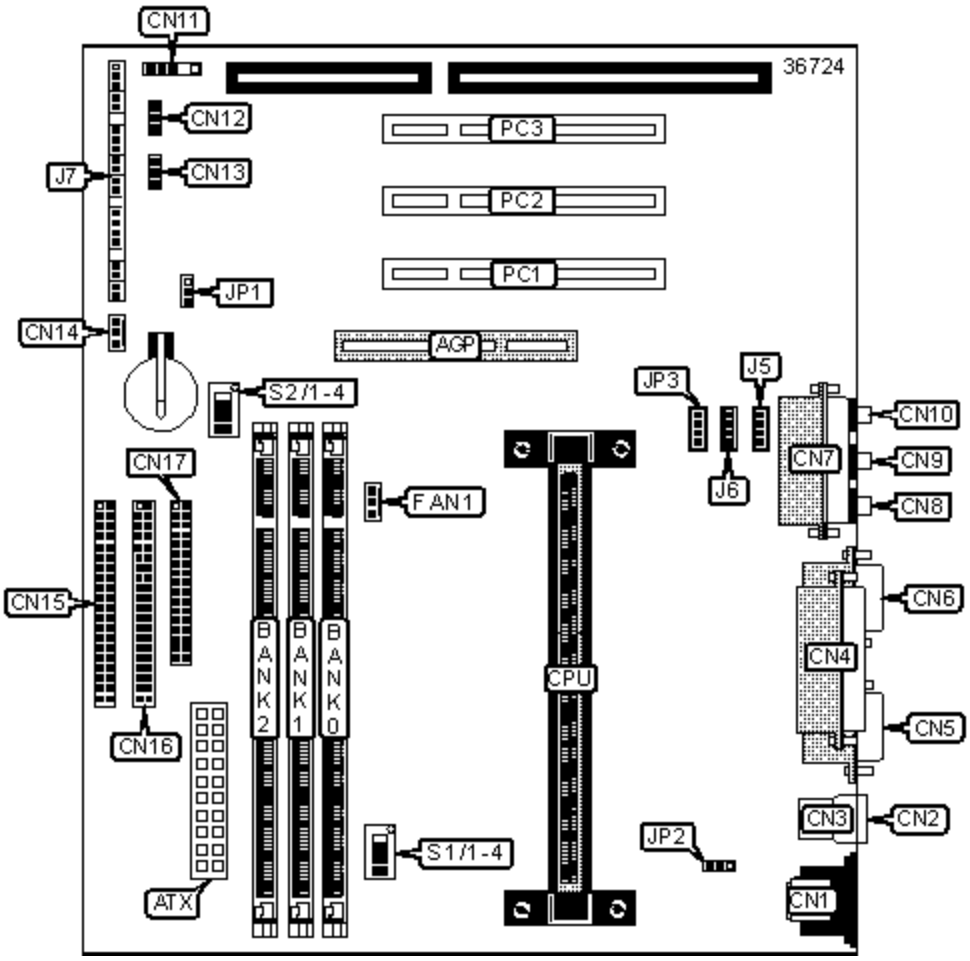
ELITEGROUP COMPUTER SYSTEMS, INC.

P6SA-ME

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	SIS
Audio Chip Set	ESS
Maximum Onboard Memory	1.5GB (EDO & SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	244mm x 197mm
I/O Options	32-bit PCI slots (3), AGP slot, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, Wake-on LAN connector, Wake-on modem connector, game/MIDI port, line-out, line-in, microphone-in, audio in - CD-ROMs (2), mono sound-in



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	IDE interface 1	CN15
ATX power connector	ATX	IDE interface 2	CN16
PS/2 mouse port	CN1	Floppy drive interface	CN17

USB port 1	CN2	CPU fan power	FAN1
USB port 2	CN3	Audio in - CD-ROM	J5
Parallel port	CN4	Auxiliary CD-ROM audio in connector	J6
Serial port 1	CN5	Power LED	J7/Pins 1 - 3
Serial port 2	CN6	Green PC switch	J7/Pins 4 & 5
Game/MIDI port	CN7	Green PC LED	J7/Pins 7 - 9
Line out	CN8	Key Lock connector	J7/Pins 10 & 11
Line in	CN9	Reset switch	J7/Pins 12 & 13
Microphone in	CN10	Speaker	J7/Pins 15 - 18
IR connector	CN11	IDE interface LED	J7/Pins 20 & 21
Wake-on-modem connector	CN12	Power switch	J7/Pins 22 & 23
Wake-on-LAN connector	CN13	Auxiliary mono sound input connector	JP3
System fan power	CN14	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP1	Pins 2 & 3 closed
	CMOS memory clear	JP1	Pins 1 & 2 closed
»	Keyboard power on disabled	JP2	Pins 1 & 2 closed
	Keyboard power on enabled	JP2	Pins 2 & 3 closed
»	Factory configured - do not alter	S1/4	Off

BUS FREQUENCY SELECTION					
System Bus	**AGP Bus**	**PCI Bus**	**S1/1**	**S1/2**	**S1/3**
60	60	30	Off	Off	Off
66.8	66.8	33.4	On	Off	Off
68.5	68.5	34.3	Off	On	Off

75	75	37.5	On	On	Off
75	64	32	Off	Off	On
83.3	66.6	33.3	On	Off	On
90	60	30	Off	On	On
100	66.6	33.3	On	On	On

SYSTEM BUS MULTIPLIER SELECTION				
Setting	**S2/1**	**S2/2**	**S2/3**	**S2/4**
2x	Off	Off	Off	Off
3x	Off	Off	Off	On
4x	Off	Off	On	Off
5x	Off	Off	On	On
2/5x	Off	On	Off	Off
2/7x	Off	On	Off	On
2/9x	Off	On	On	Off
2/11x	Off	On	On	On
6x	On	Off	Off	Off
7x	On	Off	Off	On
8x	On	Off	On	Off
Reserved	On	Off	On	On
2/13x	On	On	Off	Off
2/15x	On	On	Off	On
2/3x	On	On	On	Off
2x	On	On	On	On

DIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(1) 1M x 64	None	None

16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	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) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	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) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	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) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64

384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 64M x 64	None	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None
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.

Note: EDO & SDRAM can not be mixed.

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