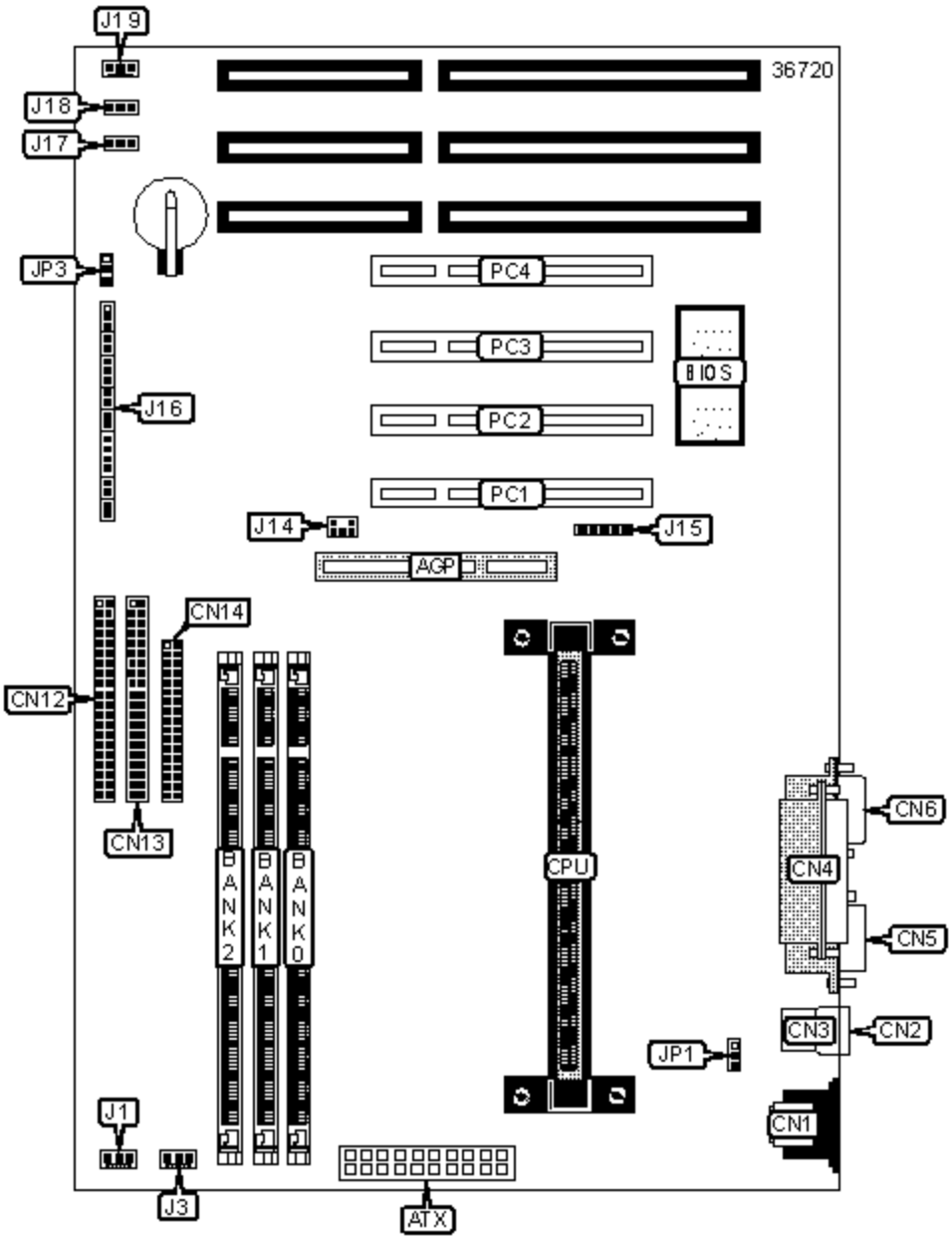
ELITEGROUP COMPUTER SYSTEMS, INC.

P6EX-A+

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440EX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 188mm
I/O Options	32-bit PCI slots (4), 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, SB-Link connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	IR connector	J15

ATX power connector	ATX	Power on LED	J16/Pins 1 - 3
PS/2 mouse port	CN1	Green PC switch	J16/Pins 4 & 5
USB port 1	CN2	Green PC LED	J16/Pins 6 - 8
USB port 2	CN3	Reset switch	J16/Pins 9 & 10
Parallel port	CN4	Keylock connector	J16/Pins 11 & 12
Serial port 2	CN5	Speaker	J16/Pins 13 - 16
Serial port 1	CN6	IDE interface LED	J16/Pins 17 & 18
IDE interface 1	CN12	Power switch	J16/Pins 19 & 20
IDE interface 2	CN13	Wake-on-LAN connector	J17
Floppy drive interface	CN14	Wake-on-modem connector	J18
ATX power supply fan power	J1	System fan power	J19
CPU fan power	J3	32-bit PCI slots	PC1 - PC4
SB-Link connector	J14		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Keyboard power on enabled	JP1	Pins 1 & 2 closed
	Keyboard power on disabled	JP1	Pins 2 & 3 closed
»	CMOS memory normal operation	JP3	Pins 2 & 3 closed
	CMOS memory clear	JP3	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None

48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
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
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None

Note: Board supports EDO & SDRAM memory.

Note: If a double sided module is used in either Bank 0 or Bank 1, then Bank 3 can not be used.

CACHE CONFIGURATION

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