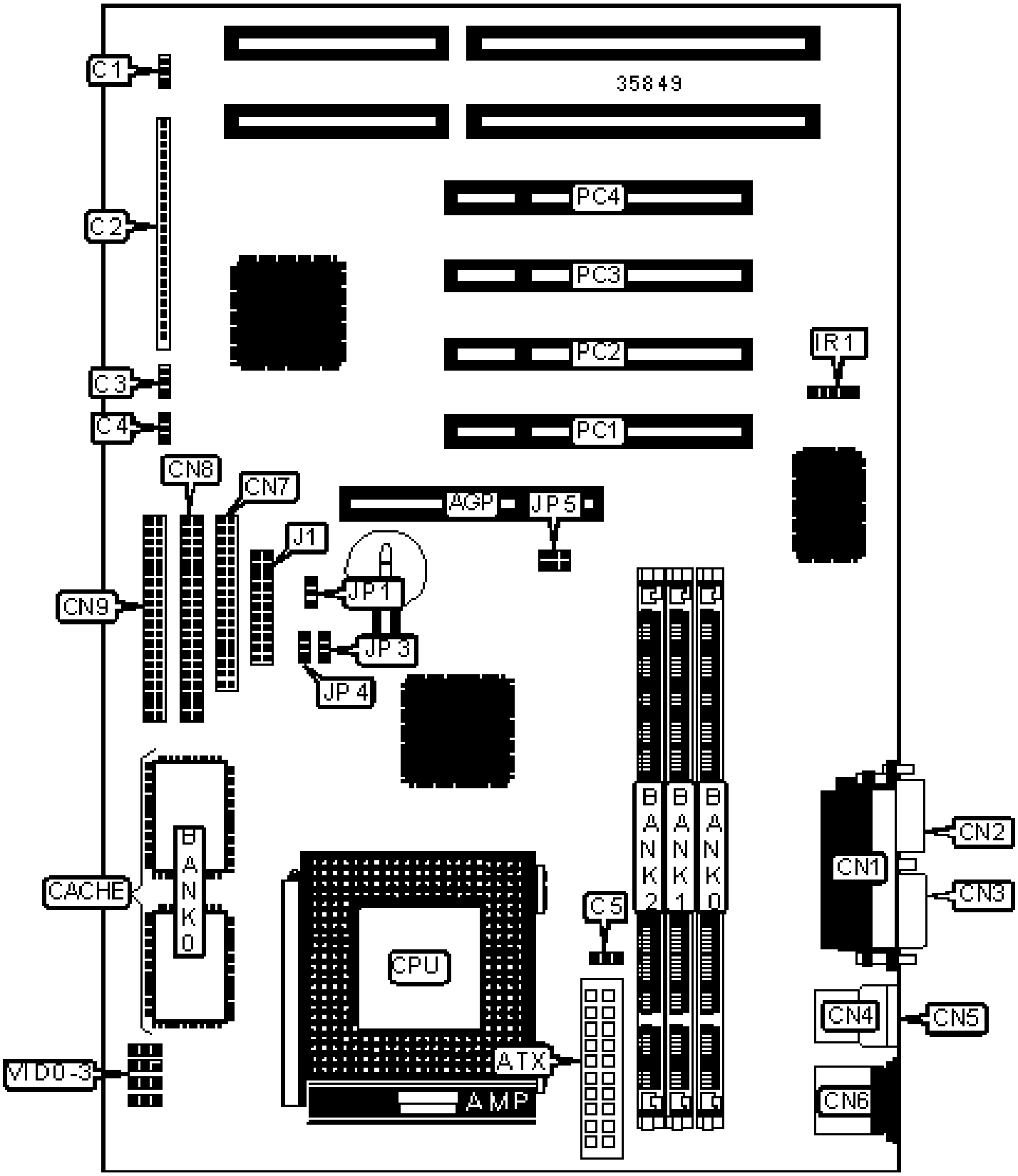
ELITEGROUP COMPUTER SYSTEMS, INC.

P5VP-A+

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	C5
ATX power connector	ATX	Parallel port	CN1
Chassis fan power	C1	Serial port 2	CN2
Power LED	C2/pins 1 - 3	Serial port 1	CN3
Green PC LED	C2/pins 7 - 9	USB connector 1	CN4
Keylock	C2/pins 10 & 11	USB connector 2	CN5
Reset switch	C2/pins 12 & 13	PS/2 mouse port	CN6
Speaker	C2/pins 15 - 18	Floppy drive interface	CN7
IDE interface LED	C2/pins 20 & 21	IDE interface 2	CN8
Soft off power supply	C2/pins 22 & 23	IDE interface 1	CN9
Wake on modem connector	C3	IR connector	IR1
Wake on LAN connector	C4	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed

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
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
164MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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
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) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
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) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
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

Size	Bank 0
512KB	(2) 64K x 32
1MB	(2) 128K x 32

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)			
CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (CX 6X86L)			
CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
233MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12
233MHz	75MHz	2.5x	3 & 5, 4 & 6, 10 & 12
300MHz	75MHz	3x	2 & 4, 3 & 5, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	Clock speed	Multiplier	J1

166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
200MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
233MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12
233MHz	75MHz	2.5x	3 & 5, 4 & 6, 10 & 12
300MHz	75MHz	3x	2 & 4, 3 & 5, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (CX MII)			
CPU speed	Clock speed	Multiplier	J1
233MHz	83MHz	2x	1 & 3, 4 & 6, 10 & 12
266MHz	83MHz	2.5x	3 & 5, 4 & 6, 10 & 12
333MHz	83MHz	3x	2 & 4, 3 & 5, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (IBM MII)			
CPU speed	Clock speed	Multiplier	J1
233MHz	83MHz	2x	1 & 3, 4 & 6, 10 & 12
266MHz	83MHz	2.5x	3 & 5, 4 & 6, 10 & 12
333MHz	83MHz	3x	2 & 4, 3 & 5, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (AM K5)			
CPU speed	Clock speed	Multiplier	J1
100MHz	66MHz	1.5x	1 & 3, 2 & 4, 10 & 12
133MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12

166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (AM K6)			
CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12
233MHz	66MHz	3.5x	1 & 3, 2 & 4, 10 & 12
266MHz	66MHz	4x	1 & 3, 4 & 6, 12 & 14
300MHz	66MHz	4.5x	3 & 5, 4 & 6, 12 & 14
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (AM K6-2)			
CPU speed	Clock speed	Multiplier	J1
300MHz	100MHz	3x	2 & 4, 3 & 5, 10 & 12
333MHz	95MHz	3.5x	1 & 3, 2 & 4, 10 & 12
350MHz	100MHz	3.5x	1 & 3, 2 & 4, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (INTEL)			
CPU speed	Clock speed	Multiplier	J1
100MHz	66MHz	1.5x	1 & 3, 2 & 4, 10 & 12
133MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12
233MHz	66MHz	3.5x	1 & 3, 2 & 4, 10 & 12
Note: Pins designated should be in the closed position.			

CPU VOLTAGE SELECTION (SINGLE)

	Voltage	JP5
»	3.3v	Pins 1 & 2 closed
	3.52v	Pins 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)

	Voltage	VID0	VID1	VID2	VID3
	1.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
	2.1v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
	2.2v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
	2.3v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
	2.4v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
	2.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
	2.6v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
	2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
»	2.8v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
	2.9v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
	3.0v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

	3.1v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
	3.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
	3.3v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
	3.4v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
	3.5v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

AGP/PCI SPEED SELECTION

	System bus	AGP bus	PCI bus	J1	JP3	JP4
»	66MHz	66MHz	33MHz	9 & 11, 19 & 21, 20 & 22	2 & 3	1 & 2
	75MHz	75MHz	37MHz	9 & 11, 18 & 20, 19 & 21	2 & 3	1 & 2
	83MHz	66MHz	33MHz	9 & 11, 17 & 19, 20 & 22	1 & 2	1 & 2
	95MHz	64MHz	32MHz	11 & 13, 17 & 19, 18 & 20	1 & 2	2 & 3
	100MHz	66MHz	33MHz	9 & 11, 17 & 19, 18 & 20	1 & 2	2 & 3
	112MHz	75MHz	37MHz	11 & 13, 19 & 21, 20 & 22	1 & 2	2 & 3
	124MHz	83MHz	41MHz	11 & 13, 18 & 20, 19 & 21	1 & 2	2 & 3

Note: Pins designated should be in the closed position.