

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Power LED & keylock	J16/pins 11 - 15
PS/2 mouse interface	J1	Speaker	J16/pins 17 - 20
USB connector	J5	Green PC LED	J18
IDE interface 1	J6	IDE interface LED	J19
IDE interface 2	J7	Chassis fan power	J20
Serial port 1	J8	CPU fan power	J21
Serial port 2	J9	Power supply fan	J22
IR connector	J10	Intrusion connector	J23
Parallel port	J12	Wake on modem connector	J24
Floppy drive interface	J13	Wake on LAN connector	J26
Power on LED	J16/pins 2 & 3	Soft off power supply	J27
Green PC connector	J16/pins 4 & 5	32-bit PCI slots	PC1 - PC4
Reset switch	J16/pins 9 & 10		

Note: J11 is an optional IR connector and may not be present on the board.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP2	Pins 2 & 3 closed
CMOS memory clear	JP2	Pins 1 & 2 closed

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Continued on next page...

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory. Do not install SIMMs & DIMMs at the same time.

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
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

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION
Note: The size and location of the cache is unidentified.

Continued on next page. . .

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

CPU SPEED SELECTION (CX 6X86)			
CPU speed	Clock speed	Multiplier	JP1
120MHz	50MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 19 & 21, 20 & 22
133MHz	55MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 17 & 19, 20 & 22
150MHz	60MHz	2x	1 & 3, 4 & 6, 9 & 11, 10 & 12, 19 & 21, 20 & 22
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)			
CPU speed	Clock speed	Multiplier	JP1
120MHz	50MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 19 & 21, 20 & 22
133MHz	55MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 17 & 19, 20 & 22
150MHz	60MHz	2x	1 & 3, 4 & 6, 9 & 11, 10 & 12, 19 & 21, 20 & 22
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)			
CPU speed	Clock speed	Multiplier	JP1
120MHz	50MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 19 & 21, 20 & 22
133MHz	55MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 17 & 19, 20 & 22
150MHz	60MHz	2x	1 & 3, 4 & 6, 9 & 11, 10 & 12, 19 & 21, 20 & 22
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)			
CPU speed	Clock speed	Multiplier	JP1
120MHz	50MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 19 & 21, 20 & 22
133MHz	55MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 17 & 19, 20 & 22
150MHz	60MHz	2x	1 & 3, 4 & 6, 9 & 11, 10 & 12, 19 & 21, 20 & 22
166MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	75MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

Continued on next page...

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	Clock speed	Multiplier	JP1
166MHz	60MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11, 19 & 21, 20 & 22
200MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	75MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22
266MHz	75MHz	3x	2 & 4, 3 & 5, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	Clock speed	Multiplier	JP1
166MHz	60MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11, 19 & 21, 20 & 22
200MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	75MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11, 17 & 19, 20 & 22
266MHz	75MHz	3x	2 & 4, 3 & 5, 10 & 12, 9 & 11, 17 & 19, 20 & 22

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)			
CPU speed	Clock speed	Multiplier	JP1
75MHz	50MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 19 & 21, 20 & 22
90MHz	60MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 9 & 11 19 & 21, 20 & 22
100MHz	66MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 18 & 20, 19 & 21
120MHz	60MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11 19 & 21, 20 & 22
133MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
150MHz	60MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11 19 & 21, 20 & 22
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)			
CPU speed	Clock speed	Multiplier	JP1
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	66MHz	3.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 18 & 20, 19 & 21

Note: Pins designated should be in the closed position.

Continued on next page...

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

CPU SPEED SELECTION (INTEL)			
CPU speed	Clock speed	Multiplier	JP1
75MHz	50MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 19 & 21, 20 & 22
90MHz	60MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 9 & 11 19 & 21, 20 & 22
100MHz	66MHz	1.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 18 & 20, 19 & 21
120MHz	60MHz	2x	1 & 3, 4 & 6, 10 & 12, 9 & 11 19 & 21, 20 & 22
133MHz	66MHz	2x	1 & 3, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
150MHz	60MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 9 & 11 19 & 21, 20 & 22
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12, 11 & 13, 18 & 20, 19 & 21

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	Clock speed	Multiplier	JP1
166MHz	66MHz	2.5x	3 & 5, 4 & 6, 10 & 12, 11 & 13, 18 & 20, 19 & 21
200MHz	66MHz	3x	2 & 4, 3 & 5, 10 & 12, 11 & 13, 18 & 20, 19 & 21
233MHz	66MHz	3.5x	1 & 3, 2 & 4, 10 & 12, 11 & 13, 18 & 20, 19 & 21

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)					
Voltage	JP3/pins 1 & 2	JP3/pins 3 & 4	JP3/pins 5 & 6	JP3/pins 7 & 8	JP3/pins 9 & 10
2.1v	Closed	Open	Open	Open	Closed
2.5v	Closed	Open	Closed	Open	Closed
2.8v	Closed	Closed	Open	Open	Open
2.9v	Closed	Closed	Open	Open	Closed
3.2v	Closed	Closed	Closed	Open	Open
3.3v	Closed	Closed	Closed	Open	Closed
3.5v	Closed	Closed	Closed	Closed	Closed

Continued on next page...

ELITEGROUP COMPUTER SYSTEMS, INC.
P5TX-BPRO (VER. 3.0)

... continued from previous page

CPU VOLTAGE SELECTION (DUAL)					
Voltage	JP3/pins 1 & 2	JP3/pins 3 & 4	JP3/pins 5 & 6	JP3/pins 7 & 8	JP3/pins 9 & 10
3.5v	Closed	Closed	Closed	Closed	Closed