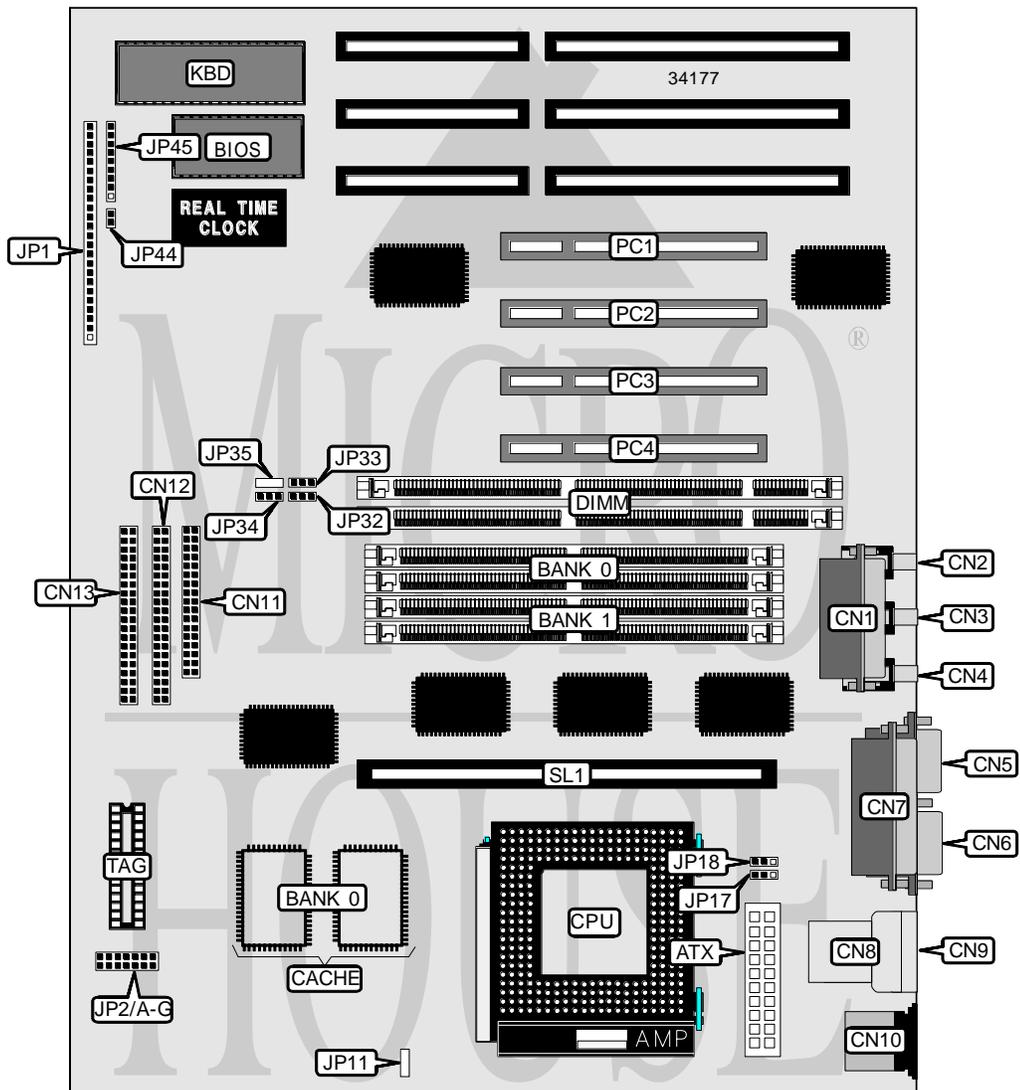


EFA CORPORATION

P5TSVX-ATX

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	64MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, USB connectors (2), ATX power connector, line in connector, line out connector, microphone connector
NPU Options	None



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EFA CORPORATION
P5TSVX-ATX

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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 2	CN12
Game/MIDI port	CN1	IDE interface 1	CN13
Microphone in connector	CN2	Power LED & keylock	J45 pins 1 – 5
Line out connector	CN3	External battery	J45 pins 6 - 9
Line in connector	CN4	Soft on power supply	JP1 pins 1 & 2
Serial port 2	CN5	Green PC connector	JP1 pins 3 & 4
Serial port 1	CN6	IR connector	JP1 pins 6 - 12
Parallel port	CN7	IDE interface LED	JP1 pins 14 & 15
USB connector 1	CN8	Reset switch	JP1 pins 21 & 22
USB connector 2	CN9	Speaker	JP1 pins 23 - 26
PS/2 mouse port	CN10	32-bit PCI slots	PC1 – PC4
Floppy drive interface	CN11	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	JP2/A	Unidentified
í Factory configured - do not alter	JP2/B	Unidentified
í Factory configured - do not alter	JP11	Unidentified
í Factory configured - do not alter	JP35	Unidentified
í CMOS memory normal operation	JP44	Open
CMOS memory clear	JP44	Closed

DRAM 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

Note: Board accepts EDO memory. Banks are interchangeable.

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EFA CORPORATION
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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) 4M x 64	(1) 4M x 64

Note: The location of banks 2 & 3 are unidentified. Do not install DIMMs & SIMMs at the same time.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB	(2) 32K x 32	Not installed	Unidentified
512KB	(2) 32K x 32	256KB module installed	Unidentified

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	JP17	JP18	JP32	JP33	JP34
120MHz	50MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	JP17	JP18	JP32	JP33	JP34
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
120MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
133MHz	66MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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EFA CORPORATION
P5TSVX-ATX

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CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP17	JP18	JP32	JP33	JP34
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	JP2/F	JP2/G
3.3v	Open	Closed
3.5v	Closed	Open

CPU VOLTAGE SELECTION (DUAL)						
Voltage	V core	JP2/C	JP2/D	JP2/E	JP2/F	JP2/G
3.3v	2.5v	Open	Open	Closed	Open	Closed
3.3v	2.7v	Open	Closed	Open	Open	Closed
3.3v	2.9v	Closed	Open	Open	Open	Closed
3.5v	2.5v	Open	Open	Closed	Closed	Open
3.5v	2.7v	Open	Closed	Open	Closed	Open
3.5v	2.9v	Closed	Open	Open	Closed	Open