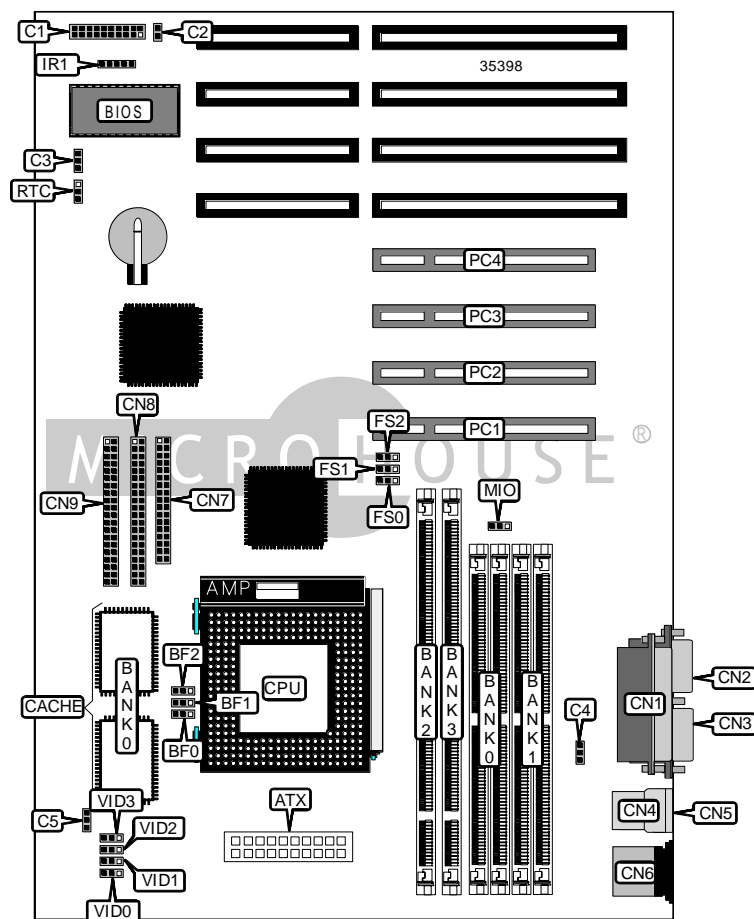


# ASUS COMPUTER INTERNATIONAL

## TXP4-X (REV. 1.01)

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	75/90/100/120/133/150/166/200/233MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	512KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	CN1
Power LED & keylock	C1/pins 1 - 5	Serial port 2	CN2
Speaker	C1/pins 7 - 10	Serial port 1	CN3
Message LED	C1/pins 12 & 13	USB connector 1	CN4
Green PC connector	C1/pins 14 & 15	USB connector 2	CN5
Soft off power supply	C1/pins 16 & 17	PS/2 mouse port	CN6
Reset switch	C1/pins 19 & 20	Floppy drive interface	CN7
IDE interface LED	C2	IDE interface 2	CN8
Chassis fan power	C3	IDE interface 1	CN9
Chassis fan power	C4	IR connector	IR1
CPU fan power	C5	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í On board I/O enabled	MIO	Pins 1 & 2 closed
On board I/O disabled	MIO	Pins 2 & 3 closed
í CMOS memory normal operation	RTC	Pins 1 & 2 closed
CMOS memory clear	RTC	Pins 2 & 3 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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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.		

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) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION	
Size	Bank 0
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)				
Voltage	VID0	VID1	VID2	VID3
3.4v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
3.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open

CPU VOLTAGE SELECTION (DUAL)				
Voltage	VID0	VID1	VID2	VID3
1.8v	Open	Open	Open	Pins 1 & 2 closed
1.9v	Open	Open	Open	Pins 2 & 3 closed
2.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
2.8v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
2.9v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
3.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open