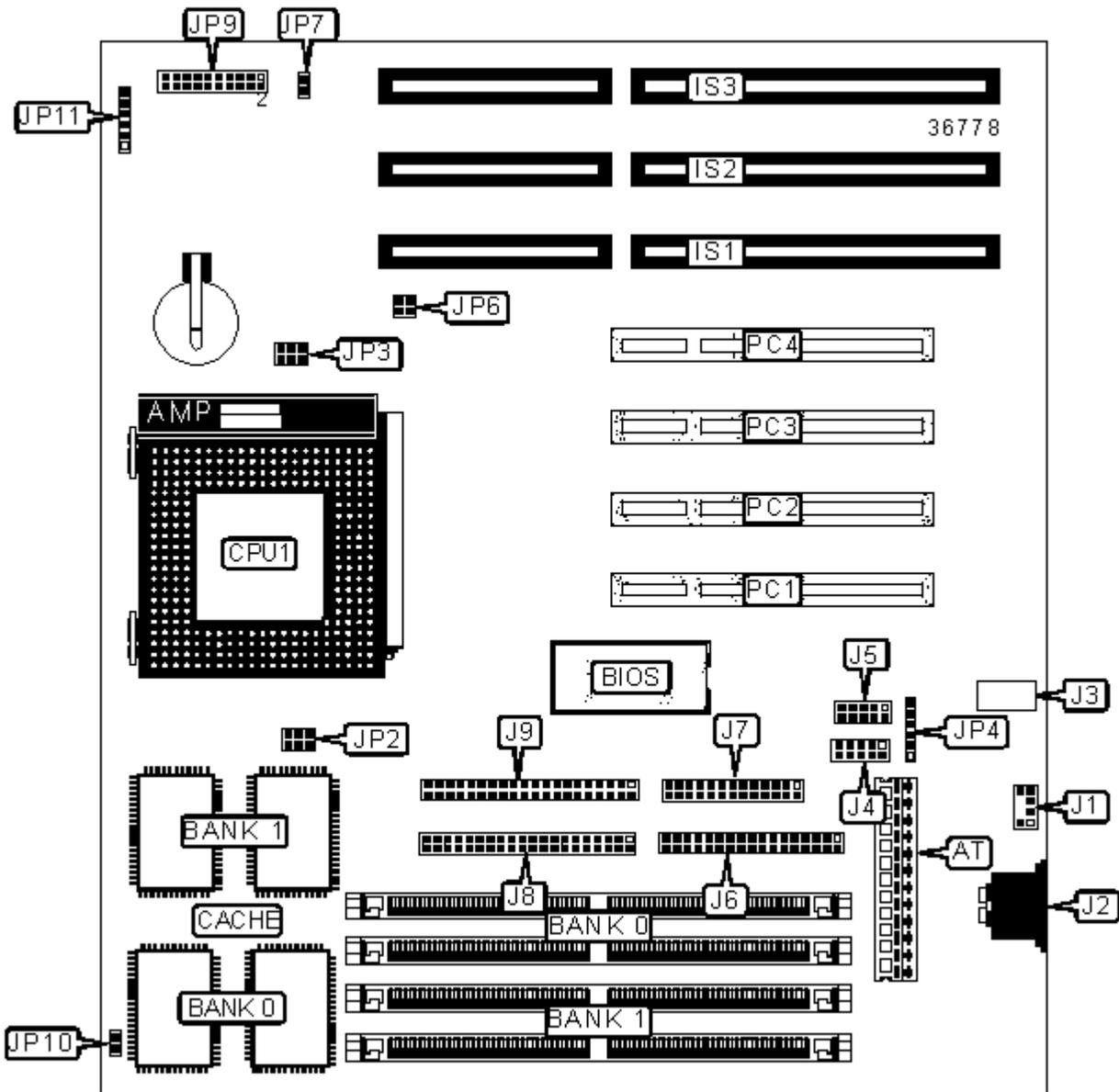


ENPC TECHNOLOGY CORPORATION

EP-PV12 (REV. 1.0)

Device Type	Mainboard
Processor	CX 6X86/AM K5/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel 430VX
Maximum Onboard Memory	128MB (EDO supported)
Cache	256/512KB
BIOS	Award
Dimensions	220mm x 235mm
I/O Options	16-bit ISA slots (3), 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, AT keyboard port, serial interfaces (2), IR connectors (2), AT power connector, USB interface



CONNECTIONS

Purpose	Location	Purpose	Location
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AT power connector	AT	IR connector (rear)	JP4
16-bit ISA slots	IS1-IS3	IDE interface LED	JP7
PS/2 mouse interface	J1	Turbo LED	JP9/Pins 3 & 5
AT keyboard connector	J2	Green PC connector	JP9/Pins 7 & 9
USB interface	J3	Reset switch	JP9/Pins 17 & 19
Serial interface 2	J4	Power LED & keylock	JP9/Pins 8 & 10
Serial interface 1	J5	Speaker	JP9/Pins 14 & 20
Floppy drive interface	J6	CPU fan power	JP10
Parallel interface	J7	IR connector (front)	JP11
IDE interface 1	J8	32-bit PCI slots	PC1 - PC4
IDE interface 2	J9		

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

Note: Board accepts EDO memory.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP2	JP3
120MHz	50MHz	2x	5 & 6	1 & 2, 3 & 4
133MHz	55MHz	2x	5 & 6	Open
150MHz	60MHz	2x	5 & 6	1 & 2
166MHz	66MHz	2x	5 & 6	3 & 4

Note: Pins designated should be in the closed position.

Note: Location of Pin 1 for JP2 and JP3 is unidentified.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP2	JP3
75MHz	50MHz	1.5x	Open	1 & 2, 3 & 4
100MHz	66MHz	1.5x	Open	3 & 4
120MHz	60MHz	1.5x	Open	1 & 2
133MHz	66MHz	1.5x	Open	3 & 4
150MHz	60MHz	2.5x	3 & 4, 5 & 6	1 & 2
166MHz	66MHz	2.5x	3 & 4, 5 & 6	3 & 4

Note: Pins designated should be in the closed position.

Note: Location of Pin 1 for JP2 and JP3 is unidentified.

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JP2	JP3
75MHz	50MHz	1.5x	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	Open	1 & 2
100MHz	66MHz	1.5x	Open	3 & 4
120MHz	60MHz	2x	5 & 6	1 & 2
133MHz	66MHz	2x	5 & 6	3 & 4
150MHz	60MHz	2.5x	3 & 4, 5 & 6	1 & 2
166MHz	66MHz	2.5x	3 & 4, 5 & 6	3 & 4

180MHz	60MHz	3x	3 & 4	1 & 2
200MHz	66MHz	3x	3 & 4	3 & 4
<p>Note: Pins designate should be in the closed position. Note: Location of Pin 1 for JP2 and JP3 is unidentified.</p>				

CPU SPEED SELECTION (PENTIUM MMX)				
CPU speed	Clock speed	Multiplier	JP2	JP3
166MHz	66MHz	2.5x	3 & 4, 5 & 6	3 & 4
200MHz	66MHz	3x	3 & 4	3 & 4
<p>Note: Pins designate should be in the closed position. Note: Location of Pin 1 for JP2 and JP3 is unidentified.</p>				

CPU VOLTAGE SELECTION		
Voltage	JP6/Pins 1 & 2	JP6/3 & 4
2.8V	Closed	Closed
2.9V	Closed	Open
3.38V	Open	Closed
3.52V	Open	Open
<p>Note: Location of pin 1 is unidentified.</p>		