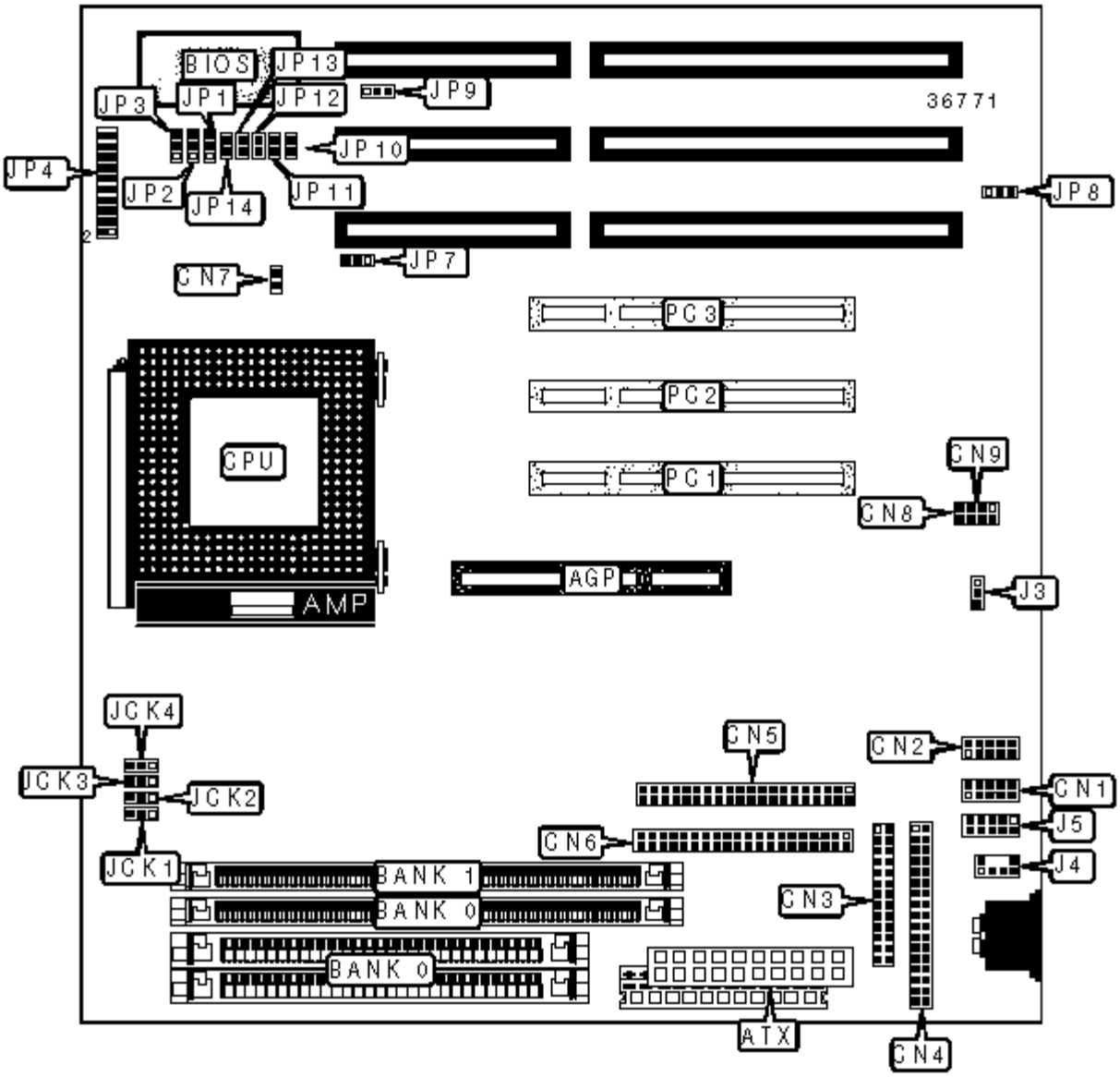
ENPC TECHNOLOGY CORPORATION

EP-PI11 (REV. 1.0)

Device Type	Mainboard
Processor	CX 6X86/CX M2/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/180/200/233/300/333/366MHz
Chip Set	VIA
Maximum Onboard Memory	256MB (FP, EDO, & SDRAM supported)
Cache	Unidentified
BIOS	Award
Dimensions	220mm x 230mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interfaces (2), IR connector, USB interfaces (2), ATX power connector, AGP slot, Wake-on-LAN/Modem connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Wake-on-Modem connector	J3/Pins 1 & 2

ATX power connector	ATX	Wake-on-LAN connector	J3/Pins 2 & 3
Serial interface 1	CN1	PS/2 mouse interface	J4
Serial interface 2	CN2	IR connector	J5
Parallel interface	CN3	Speaker	JP4/Pins 1, 3, 5 & 7
Floppy drive interface	CN4	IDE interface LED	JP4/Pins 2 & 4
IDE interface 1	CN5	Turbo LED	JP4/Pins 6 & 8
IDE interface 2	CN6	Power LED & keylock	JP4/Pins 9, 11, 13, 15 & 17
CPU fan power	CN7	Power switch	JP4/Pins 10 & 12
USB interface 1	CN8	Reset switch	JP4/Pins 18 & 20
USB interface 2	CN9	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Factory configured - do not alter	JCK4	Unidentified
»	CMOS memory normal operation	JP7	Pins 1 & 2 closed
	CMOS memory clear	JP7	Pins 2 & 3 closed
	Keyboard power on disabled	JP8	Pins 1 & 2 closed
	Keyboard power on enabled	JP8	Pins 2 & 3 closed
»	Flash BIOS voltage selection +5V	JP9	Pins 1 & 2 closed
	Flach BIOS voltage selection +12V	JP9	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	**Bank 0**
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36

Note: Board accepts EDO memory.
Note: Do not mix SIMM and DIMM memory.

DIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
16MB	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
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
128MB	(1) 16M x 64	None
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 supports EDO & SDRAM memory. Note: Do not mix SIMM and DIMM memory.		

CLOCK SPEED SELECTION					
CPU Speed	**PCI Speed**	**AGP Speed**	**JCK1**	**JCK2**	**JCK3**
60MHz	30MHz	60MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
66.8MHz	33.4MHz	66.8MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
68.5MHz	34.25MHz	68.5MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
75MHz	37.5MHz	75MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
75MHz	30MHz	60MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

83.3MHz	33.3MHz	66.6MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
90MHz	30MHz	60MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
100MHz	33.3MHz	66.6MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU MULTIPLIER SELECTION			
Multiplier	**JP1**	**JP2**	**JP3**
1.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2x	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
2.5x	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
3x	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
4x	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
4.5x	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
5x	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
5.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION					
Voltage	**JP10**	**JP11**	**JP12**	**JP13**	**JP14**
2.2V	Open	Closed	Open	Open	Open
2.5V	Closed	Open	Closed	Open	Open
2.6V	Open	Closed	Closed	Open	Open
2.7V	Closed	Closed	Closed	Open	Open
2.8V	Open	Open	Open	Closed	Open
2.9V	Closed	Open	Open	Closed	Open
3.0V	Open	Closed	Open	Closed	Open
3.1V	Closed	Closed	Open	Closed	Open
3.2V	Open	Open	Closed	Closed	Open
3.3V	Closed	Open	Closed	Closed	Open
3.4V	Open	Closed	Closed	Closed	Open

MISCELLANEOUS TECHNICAL NOTES

Processor speeds listed include the speeds available for the Cyrix 6X86MX CPU, which is synonymous with the Cyrix M2 CPU.