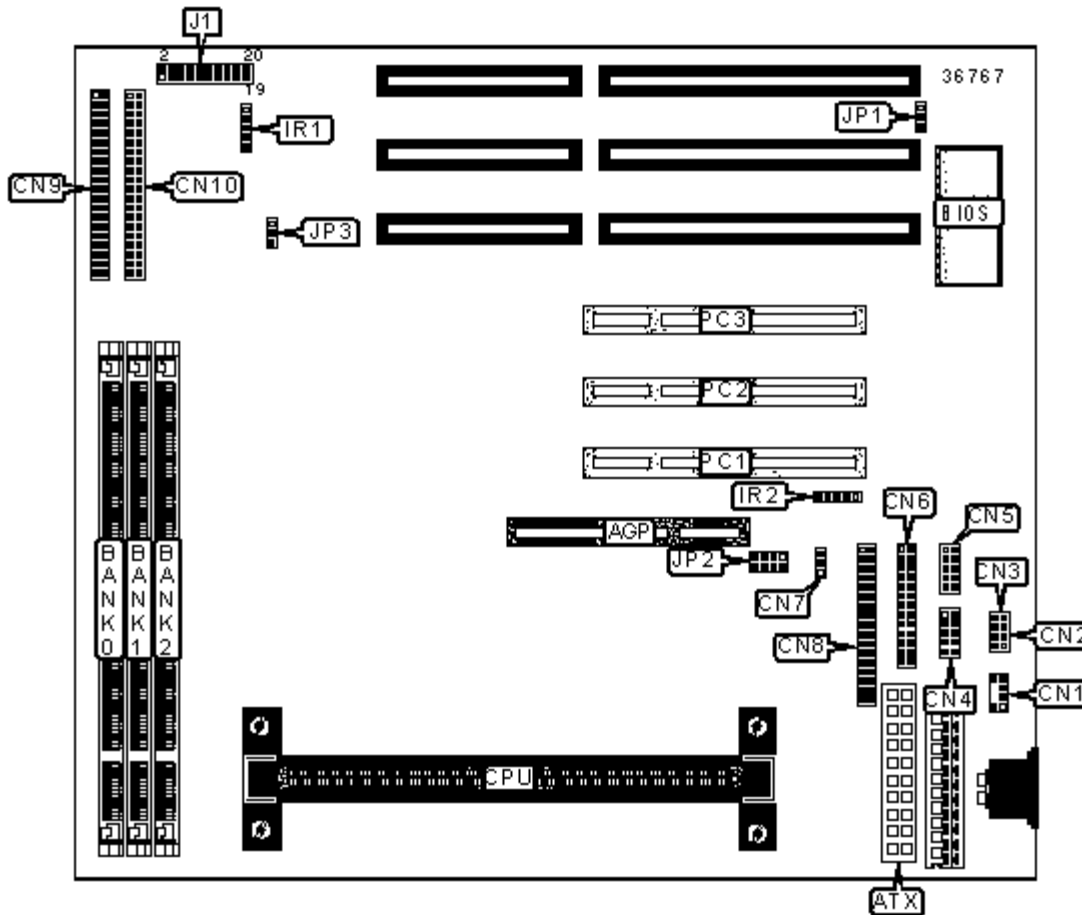


ENPC TECHNOLOGY CORPORATION

EP-KL11 (REV. 1.0)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	220mm x 240mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interfaces (2), IR connectors (2), USB interfaces (2), ATX power connector, AGP slot



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	CN10
ATX power connector	ATX	IR connector 1	IR1
PS/2 mouse interface	CN1	IR connector 2	IR2
USB interface 1	CN2	Speaker	J1/Pina 1, 3, 5, 7

USB interface 2	CN3	IDE interface LED	J1/Pins 2 & 4
Serial interface 1	CN4	Turbo LED	J1/Pins 6 & 8
Serial interface 2	CN5	Power LED & keylock	J1/Pins 9, 11, 13, 15 & 17
Parallel interface	CN6	Power switch	J1/Pins 10 & 12
CPU fan power	CN7	Reset switch	J1/Pins 18 & 20
Floppy drive interface	CN8	32-bit PCI slots	PC1 - PC3
IDE interface 2	CN9		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Flash ROM VPP +5V	JP1	Pins 1 & 2 closed
	Flash ROM VPP +12V	JP1	Pins 2 & 3 closed
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64

192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPUs.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP2/Pins 1 & 2	JP2/Pins 3 & 4	JP2/Pins 5 & 6	JP2/Pins 7 & 8
233MHz	66MHz	3.5x	Closed	Open	Open	Closed
» 266MHz	66MHz	4x	Open	Closed	Closed	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
333MHz	66MHz	5x	Open	Open	Open	Closed