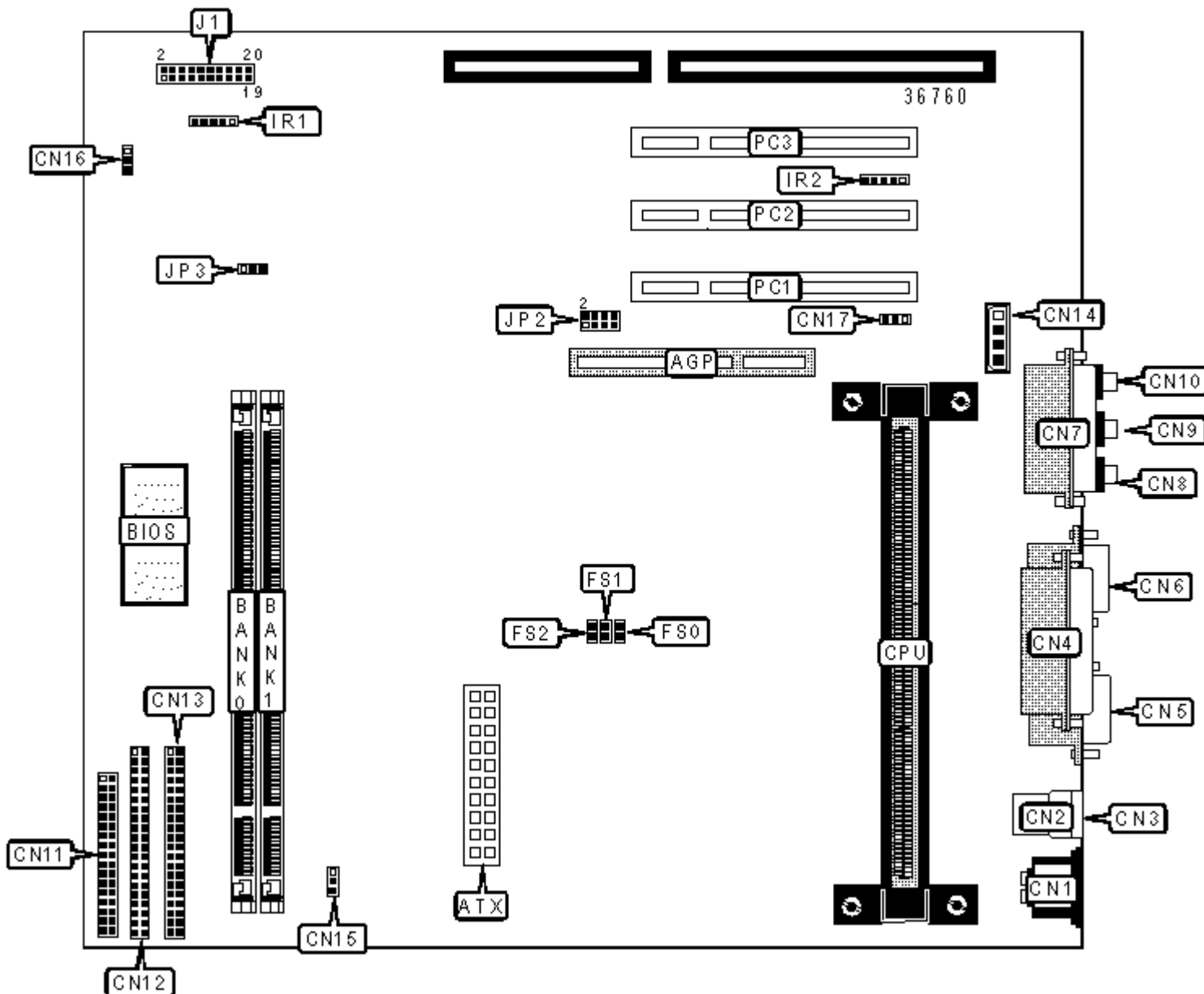


ENPC TECHNOLOGY CORPORATION

EP-KE21 (REV. 1.1)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440EX
Audio Chip Set	Unidentified
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	244mm x 200mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connectors (2), USB ports (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROM, Wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	CN13
ATX power connector	ATX	Audio in - CD-ROM	CN14
PS/2 mouse port	CN1	CPU Fan 1	CN15
USB port 1	CN2	CPU Fan 2	CN16
USB port 2	CN3	Wake on LAN connector	CN17
Parallel port	CN4	IR connector 1	IR1
Serial port 1	CN5	IR connector 2	IR2
Serial port 2	CN6	Reset switch	J1/Pins 1 & 3
Game/MIDI port	CN7	Power LED & keylock	J1/Pins 4, 6, 8, 10 & 12
Line in	CN8	Power switch	J1/Pins 9 & 11
Line out	CN9	Turbo LED	J1/Pins 13 & 15
Microphone in	CN10	Speaker	J1/Pins 14, 16, 18 & 20
Floppy drive interface	CN11	IDE interface LED	J1/Pins 17 & 19
IDE interface 1	CN12	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64

32MB	(1) 4M x 64	None
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
64MB	(1) 8M x 64	None
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
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
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.

CACHE CONFIGURATION

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

EXTERNAL CLOCK FREQUENCY SELECTION

Frequency	FS0	FS1	FS2
66MHz	Open	Open	Closed
75MHz	Open	Closed	Open
83MHz	Closed	Open	Closed

CPU MULTIPLIER SELECTION

Multiplier	JP2/Pins 1 & 2	JP2/Pins 3 & 4	JP2/Pins 5 & 6	JP2/Pins 7 & 8
3.5x	Closed	Open	Open	Closed

4x	Open	Closed	Closed	Closed
4.5x	Open	Closed	Open	Closed
5x	Open	Open	Closed	Closed
5.5x	Open	Open	Open	Closed