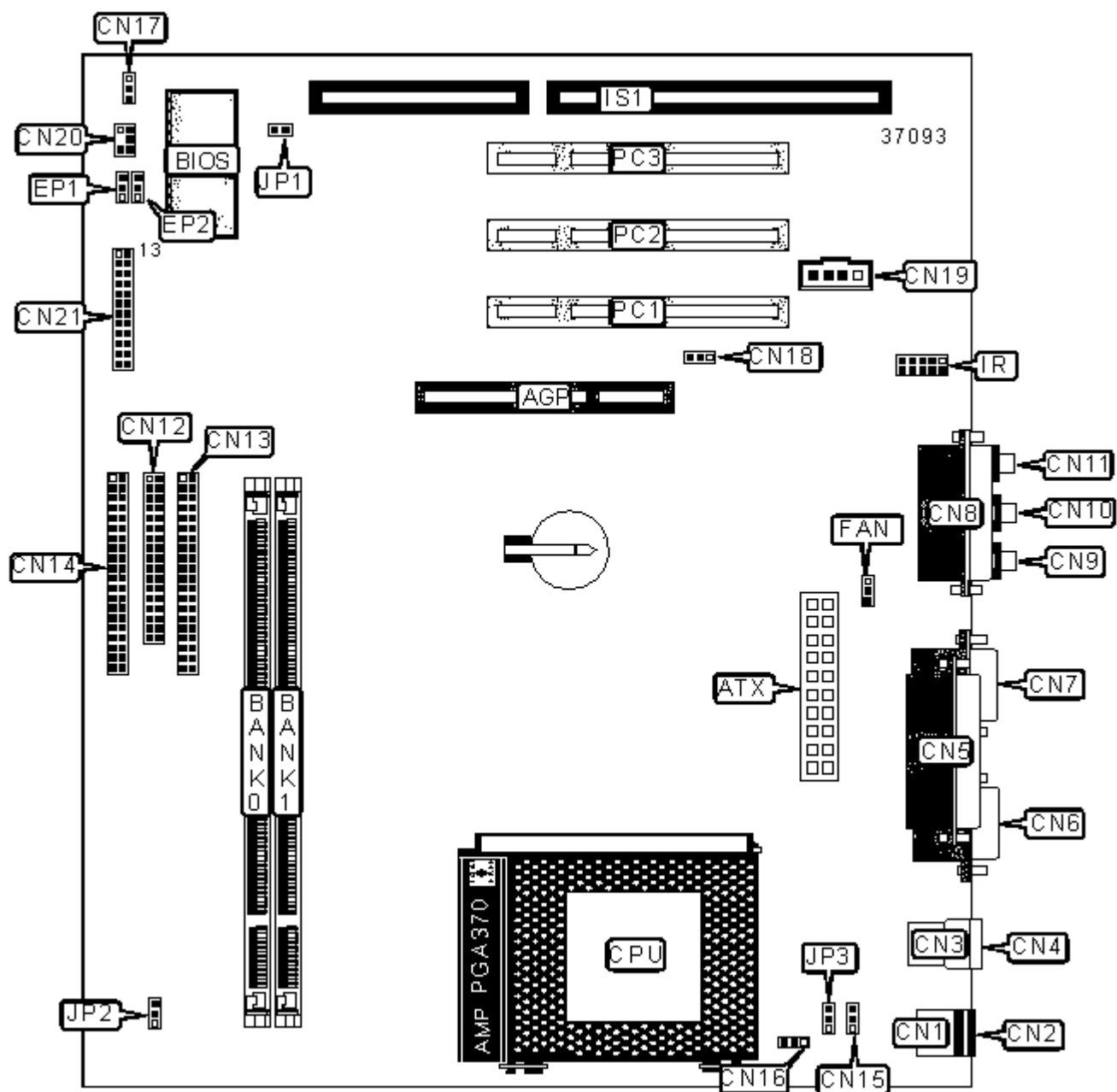


## FIRST INTERNATIONAL COMPUTER, INC.

### CL31-A

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron
<b>Processor Speed</b>	366/400/433MHz
<b>Chip Set</b>	Intel 440LX
<b>Audio Chip Set</b>	Yamaha
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Maximum Audio Memory</b>	Unidentified
<b>Cache</b>	0/128KB (located on the Celeron CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	Unidentified
<b>I/O Options</b>	16-bit ISA slot, 32-bit PCI slots (3), green PC connector, floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROM, Wake-on-LAN connector, SB-Link connector, Chassis intrusion connector



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power 1	CN16
ATX power connector	ATX	Chassis fan power 2	CN17
PS/2 mouse port	CN1	Wake-on-LAN connector	CN18
PS/2 keyboard port	CN2	Audio in - CD-ROM	CN19
USB port 2	CN3	SB-Link connector	CN20
USB port 1	CN4	IDE interface LED	CN21/Pins 1 & 13
Parallel port	CN5	Speaker	CN21/Pins 4 & 7

Serial port 1	CN6	Reset switch	CN21/Pins 8 & 9
Serial port 2	CN7	Green PC connector	CN21/Pins 11 & 12
Game/MIDI port	CN8	Power LED	CN21/Pins 16 - 18
Line out	CN9	Power switch	CN21/Pins 19 & 20
Line in	CN10	Message LED	CN21/Pins 23 & 24
Microphone in	CN11	CPU fan power	FAN
Floppy drive interface	CN12	IR connector	IR
IDE interface 2	CN13	16-bit ISA slot	IS1
IDE interface 1	CN14	32-bit PCI slots	PC1 - PC3
Chassis intrusion connector	CN15		

#### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Password normal operation	JP1	Open
	Password clear	JP1	Closed
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Keyboard power on disabled	JP3	Pins 1 & 2 closed
	Keyboard power on enabled	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
256MB	(1) 32M x 64	None

Note: Board supports EDO & SDRAM memory.

#### CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron 300A and greater CPUs.

#### FLASH BIOS SELECTION

Setting	EP1	EP2
Intel 28F001	Pins 2 & 3 closed	Pins 1 & 2 closed
MXIC 28F1000	Pins 2 & 3 closed	Pins 1 & 2 closed
SST 29EE010	Pins 1 & 2 closed	Pins 1 & 2 closed
AMTEL AT29C010	Pins 1 & 2 closed	Pins 1 & 2 closed
MXIC 28F2000	Pins 2 & 3 closed	Pins 2 & 3 closed
SST 29EE020	Pins 1 & 2 closed	Pins 2 & 3 closed
AMTEL AT29C020	Pins 1 & 2 closed	Pins 2 & 3 closed
AMD 28F002	Pins 1 & 2 closed	Pins 2 & 3 closed

