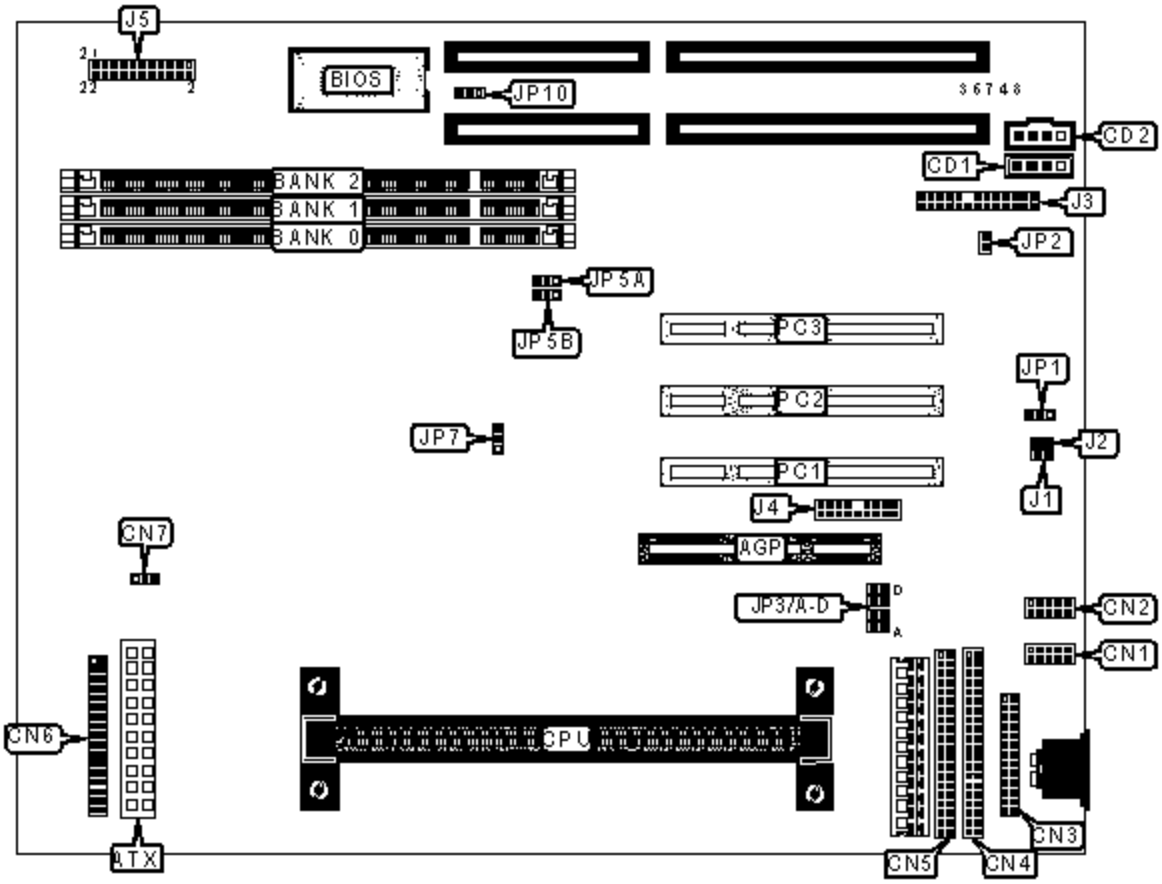
EURONE

EM-7229S

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	BXcel
Audio Chip Set	ALI
Maximum Onboard Memory	384MB (EDO, FPM, & SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	AMI
Dimensions	220mm x 280mm
I/O Options	32-bit PCI slots (3), floppy drive interface, sound/game interface, green PC connector, IDE interfaces (2), parallel interface, serial interface (2), ATX power connector, AGP slot, audio in - CD-ROMs (2), digital audio in, digital audio out



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Digital audio in	J2
ATX power connector	ATX	Sound & game interface	J3
Audio in - CD-ROM (Panasonic)	CD1	ATX form card connector	J4
Audio in - CD-ROM (Sony)	CD2	Power LED & keylock	J5/Pins 2, 4, 6, 8 & 10

Serial interface 1	CN1	Speaker	J5/Pins 1, 3, 5 & 7
Serial interface 2	CN2	Turbo LED	J5/Pins 13 & 14
Parallel interface	CN3	IDE interface LED	J5/Pins 15 & 16
IDE interface 2	CN4	Reset switch	J5/Pins 17 & 18
IDE interface 1	CN5	Green PC LED	J5/Pins 19 & 20
Floppy drive interface	CN6	Green PC connector	J5/Pins 21 & 22
CPU fan power	CN7	32-bit PCI slots	PC1 - PC3
Digital audio out	J1		

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	On-board sound enabled	JP1	Pins 2 & 3 closed
	On-board sound disabled	JP1	Pins 1 & 2 closed
»	Microphone type standard mode	JP2	Open
	Microphone type special mode	JP2	Closed
	CPU frequency 66MHz	JP7	Pins 2 & 3 closed
	CPU frequency 100MHz	JP7	Pins 1 & 2 closed
	CMOS memory normal operation	JP10	Pins 1 & 2 closed
	CMOS memory clear	JP10	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None

32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
264MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO, FPM, & SDRAM memory.
Note: EDO & FPM memory is not recomended with 100MHz CPU frequency.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater CPUs.

CPU MULTIPLIER SELECTION				
Multiplier	**JP3A**	**JP3B**	**JP3C**	**JP3D**

1.5x	Open	Open	Closed	Open
2x	Closed	Closed	Closed	Closed
2x	Open	Open	Open	Open
2.5x	Open	Closed	Closed	Closed
3x	Closed	Closed	Open	Closed
3.5x	Open	Closed	Open	Closed
4x	Closed	Closed	Closed	Open
4.5x	Open	Closed	Closed	Open
5x	Closed	Closed	Open	Open
5.5x	Open	Closed	Open	Open
6x	Closed	Open	Closed	Closed
6.5x	Open	Open	Closed	Closed
7x	Closed	Open	Open	Closed
7.5x	Open	Open	Open	Closed
8x	Closed	Open	Closed	Open

DIMM VOLTAGE SELECTION			
Voltage		**JP5A**	**JP5B**
»	3.3V	Pins 2 & 3 closed	Pins 2 & 3 closed
	5V	Pins 1 & 2 closed	Pins 1 & 2 closed