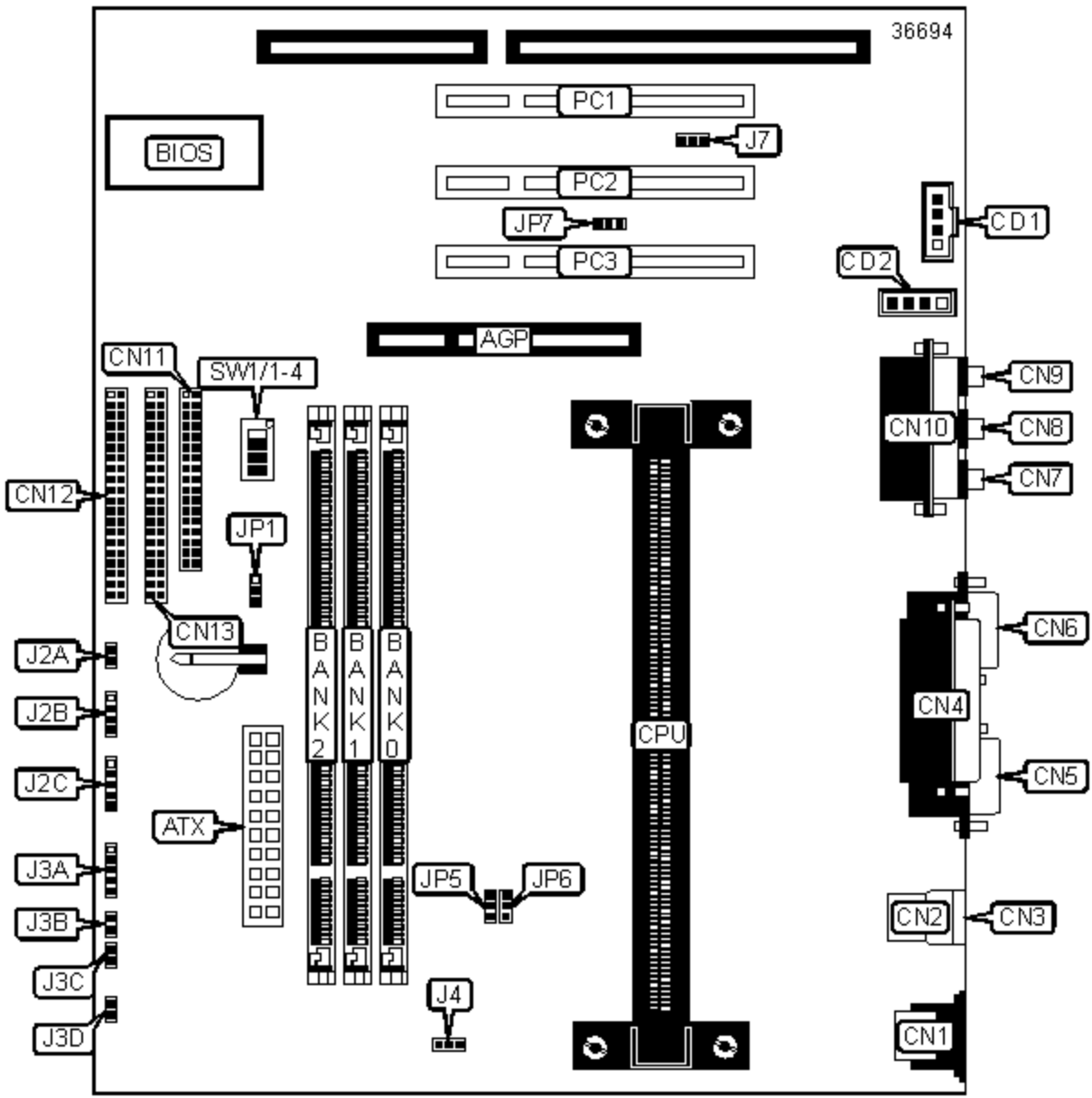


# EPOX COMPUTER CO., LTD.

## P2-100Y

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333/350/366/400/450/500/550/600MHz
<b>Chip Set</b>	VIA
<b>Audio Chip Set</b>	Yamaha
<b>Maximum Onboard Memory</b>	384MB (EDO & SDRAM supported)
<b>Maximum Audio Memory</b>	Unidentified
<b>Cache</b>	256/512KB (located on the Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, audio in - CD-ROMs (2), Wake-on-LAN connector



CONNECTIONS			
Purpose	Location	Purpose	Location

AGP slot	AGP	IDE interface 2	CN13
ATX power connector	ATX	Audio in - CD-ROM (Sony)	CN1
PS/2 mouse port	CN1	Audio in - CD-ROM (Mitsumi)	CN2
USB port 1	CN2	Reset switch	J2A
USB port 2	CN3	PC speaker	J2B
Parallel port	CN4	Power LED & Keylock	J2C
Serial port 1	CN5	IR connector	J3A
Serial port 2	CN6	IDE interface LED	J3B
Speaker/Line out	CN7	Turbo LED	J3C
Line in	CN8	Power switch	J3D
Microphone in	CN9	CPU fan power	J4
Game/MIDI port	CN10	Wake-on-LAN connector	J7
Floppy drive interface	CN11	32-bit PCI slots	PC1 - PC3
IDE interface 1	CN12		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed
	CPU bus clock speed set to 66MHz	JP5	Pins 1 & 2 closed
	CPU bus clock speed set to 100MHz	JP5	Pins 2 & 3 closed
	DIMM clock speed set to match CPU speed	JP6	Pins 1 & 2 closed
	DIMM clock speed set to match AGP speed	JP6	Pins 2 & 3 closed
	On board sound enabled	JP7	Pins 1 & 2 closed
	On board sound disabled	JP7	Pins 2 & 3 closed

### DIMM CONFIGURATION

Slot	Bank	Capacity	Speed
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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) 4M x 64	(1) 4M x 64	(1) 4M 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	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	On	Off	On	On
233MHz	66MHz	On	Off	Off	On

266MHz	66MHz	Off	On	On	On
300MHz	66MHz	Off	On	Off	On
300MHz	100MHz	On	Off	On	On
333MHz	66MHz	Off	Off	On	On
350MHz	100MHz	On	Off	Off	On
366MHz	66MHz	Off	Off	Off	On
400MHz	66MHz	On	On	On	Off
400MHz	100MHz	Off	On	On	On
450MHz	100MHz	Off	On	Off	On
500MHz	100MHz	Off	Off	On	On
550MHz	100MHz	Off	Off	Off	On
600MHz	100MHz	On	On	On	Off