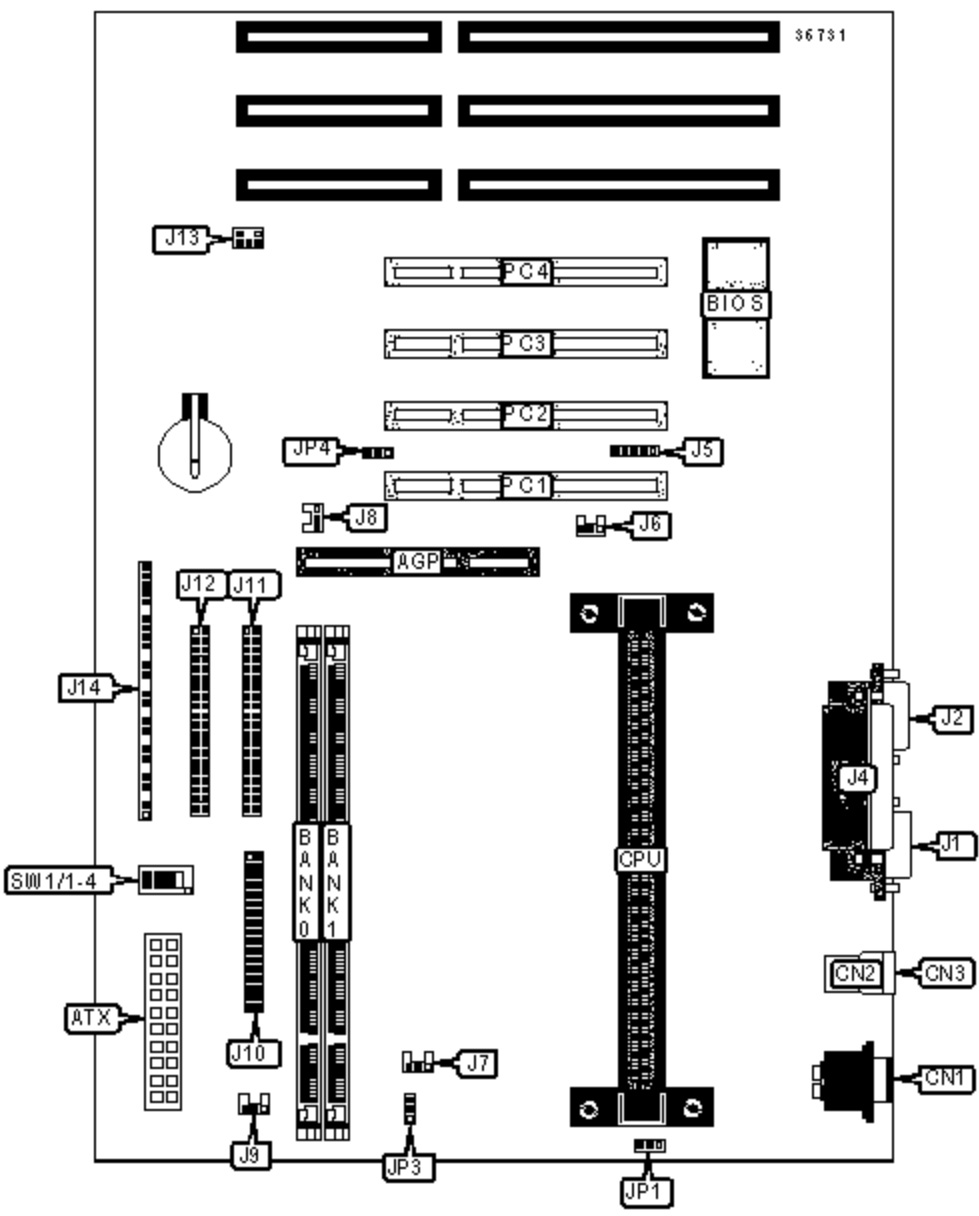


DIAMOND FLOWER. INC.

PB61-ZX (REV. D+)

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/500MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	304mm x 170mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, Wake-on-LAN connector, SB-Link connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Floppy drive interface	J10

ATX power connector	ATX	IDE interface 2	J11
PS/2 mouse port	CN1	IDE interface 1	J12
USB port 1	CN2	SB-Link connector	J13
USB port 2	CN3	IDE interface LED	J14/Pins 1 & 2
Serial port 1	J1	Green PC LED	J14/Pins 4 & 5
Serial port 2	J2	Power switch	J14/Pins 7 & 8
Parallel port	J4	Green PC connector	J14/Pins 10 & 11
IR connector	J5	Reset switch	J14/Pins 13 & 14
AGP fan power	J6	Speaker	J14/Pins 16-19
CPU fan power	J7	Power LED & keylock	J14/Pins 21-25
Wake on LAN connector	J8	32-bit PCI slots	PC1 - PC4
Chassis fan power	J9		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard/mouse power on disabled	JP1	Pins 1 & 2 closed
	Keyboard/mouse power on enabled	JP1	Pins 2 & 3 closed
»	CMOS memory normal operation	JP4	Pins 1 & 2 closed
	CMOS memory clear	JP4	Pins 2 & 3 closed

DIMM CONFIGURATION

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

64MB	(1) 8M x 64	None
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
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 SDRAM memory.		

CACHE CONFIGURATION

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

CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On

300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	On	On
400MHz	100MHz	4x	On	On	Off	On
450MHz	100MHz	4.5x	Off	On	Off	On

CPU SPEED SELECTION (PENTIUM III)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
450MHz	100MHz	4.5x	Off	On	Off	On
500MHz	100MHz	5x	On	Off	Off	On

BUS SPEED SELECTION

Setting		JP3
»	Auto-detect	Pins 1 & 2 closed
	66MHz	Pins 2 & 3 closed
	100MHz	Open