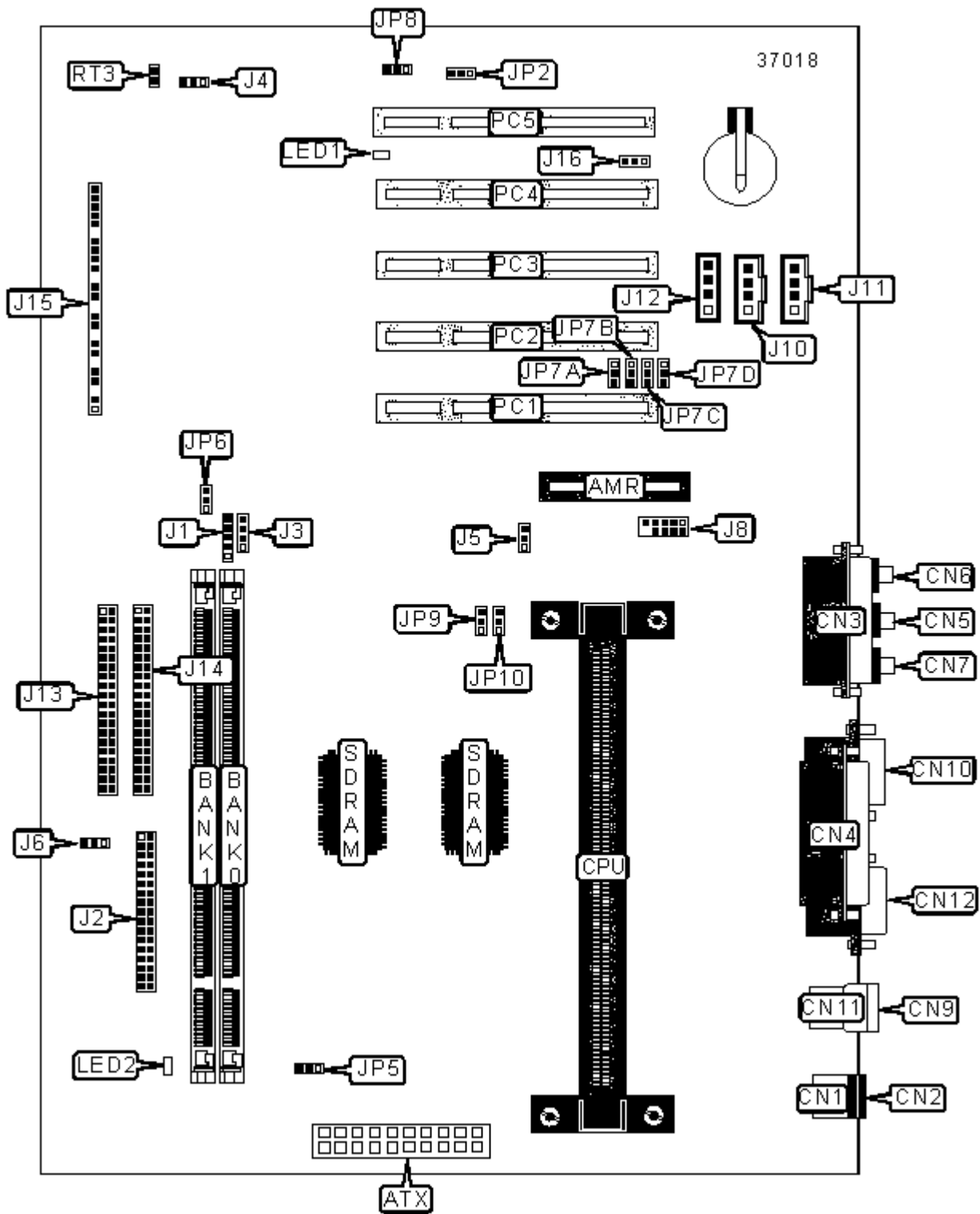


DIAMOND FLOWER, INC.

PW65-E (REV. B+)

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/500/533/550/600MHz
Chip Set	Intel 810-E
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	4MB
Maximum Audio Memory	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	304mm x 170mm
I/O Options	32-bit PCI slots (5), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial port, serial interface, VGA port, AMR, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (3), Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
Audio Modem riser slot	AMR	Chassis fan power 2	J6
ATX power connector	ATX	Serial interface	J8
PS/2 mouse port	CN1	Audio in - CD-ROM (Sony)	J10
PS/2 keyboard connector	CN2	Audio in - CD-ROM (Mitsumi)	J11

Game/MIDI port	CN3	Audio in - CD-ROM (Sony)	J12
Parallel port	CN4	IDE interface 1	J13
Line in	CN5	IDE interface 2	J14
Microphone in	CN6	IDE interface LED	J15/Pins 1 & 2
Line out	CN7	Green PC LED	J15/Pins 4 & 5
USB port 2	CN9	Power switch	J15/Pins 7 & 8
VGA port	CN10	Green PC connector	J15/Pins 10 & 11
USB port 1	CN11	Reset switch	J15/Pins 13 & 14
Serial port	CN12	Speaker	J15/Pins 16-19
IR connector	J1	Power LED & keylock	J15/Pins 21-25
Floppy drive interface	J2	Wake-on-LAN connector	J16
Chassis intrusion connector	J3	32-bit PCI slots	PC1 - PC5
Chassis fan power 1	J4	Thermal connector	RT3
CPU fan power	J5		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Keyboard/mouse power on disabled	JP5	Pins 1 & 2 closed
	Keyboard/mouse power on enabled	JP5	Pins 2 & 3 closed
»	Factory configured - do not alter	JP6	Pins 1 & 2 closed
»	PC speaker enabled for beep message	JP8	Pins 2 & 3 closed
	External speaker enabled for beep message	JP8	Pins 1 & 2 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
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
256MB	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports SDRAM memory.		

CACHE CONFIGURATION

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

BUS SPEED SELECTION

Setting		JP9	JP10
»	Auto-detect	Pins 2 & 3 closed	Pins 2 & 3 closed
	66MHz	Pins 1 & 2 closed	Pins 1 & 2 closed
	100MHz	Open	Pins 1 & 2 closed
	133MHz	Open	Open

AUDIO CODEC SELECTION

Setting		JP7A	JP7B	JP7C	JP7D
»	On-board audio CODEC enabled	1 & 2	1 & 2	1 & 2	1 & 2
	On-board audio CODEC disabled	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Unidentified	On	PCI standby power on
LED1	Unidentified	Off	PCI standby power off
LED2	Unidentified	On	DIMM standby power on
LED2	Unidentified	Off	DIMM standby power off