DIAMOND FLOWER, INC.

CB60-V3 (REV. AG+)

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500MHz
Chip Set	VIA
Maximum Onboard Memory	384MB (SDRAM supported)
Cache	128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 170mm
I/O Options	16-bit ISA slots (3), 32-bit PCI slots (4), floppy drive interface, green PC connector, 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, Wake-on-LAN connector, SB-link connector
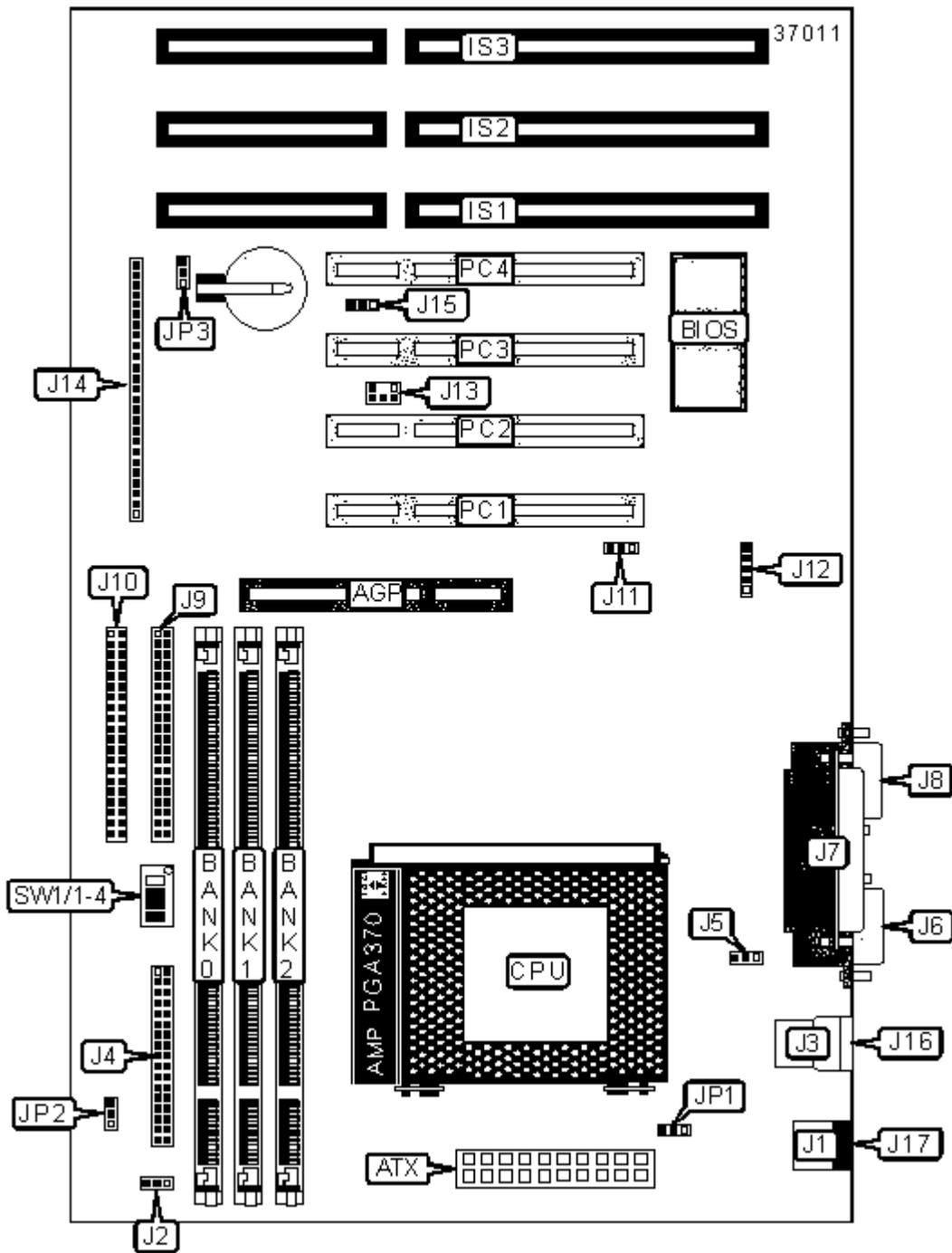
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP port	AGP	IR connector	J12
ATX power connector	ATX	SB-link connector	J13
16-bit ISA slots	IS1-IS3	IDE interface LED	J14/Pins 1 & 2
PS/2 mouse port	J1	Green PC LED	J14/Pins 4 & 5
Chassis fan power	J2	Power switch	J14/Pins 7 & 8
USB port 1	J3	Green PC switch	J14/Pins 10 & 11

Floppy drive interface	J4	Reset switch	J14/Pins 13 & 14
CPU fan power	J5	PC speaker	J14/Pins 16 - 19
Serial port 1	J6	Power LED & Keylock	J14/Pins 21 - 25
Parallel port	J7	Wake-on-LAN connector	J15
Serial port 2	J8	USB port 2	J16
IDE interface 2	J9	PS/2 keyboard port	J17
IDE interface 1	J10	32-bit PCI slots	PC1 - PC4
AGP fan power	J11		

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	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed

DIMM CONFIGURATION			
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 SDRAM memory.			

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

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
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
466MHz	66MHz	7x	On	Off	On	Off
500MHz	66MHz	7.5x	Off	Off	On	Off

EXTERNAL CLOCK SPEED SELECTION		
Setting		**JP2**
»	Auto-detect	Pins 1 & 2 closed
	66MHz	Pins 2 & 3 closed
	100MHz	Open