ABIT COMPUTER CORPORATION

BP6

Device Type	Mainboard
Processor	Celeron (2)
Processor Speed	300A/333/366/400/433/466MHz
Chip Set	Intel 440BX
Audio Chip Set	Creative Technology
Maximum Onboard Memory	768MB (SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 240mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (4), 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, Wake-on-Ring connector, SB-Link connector, System Management bus connector

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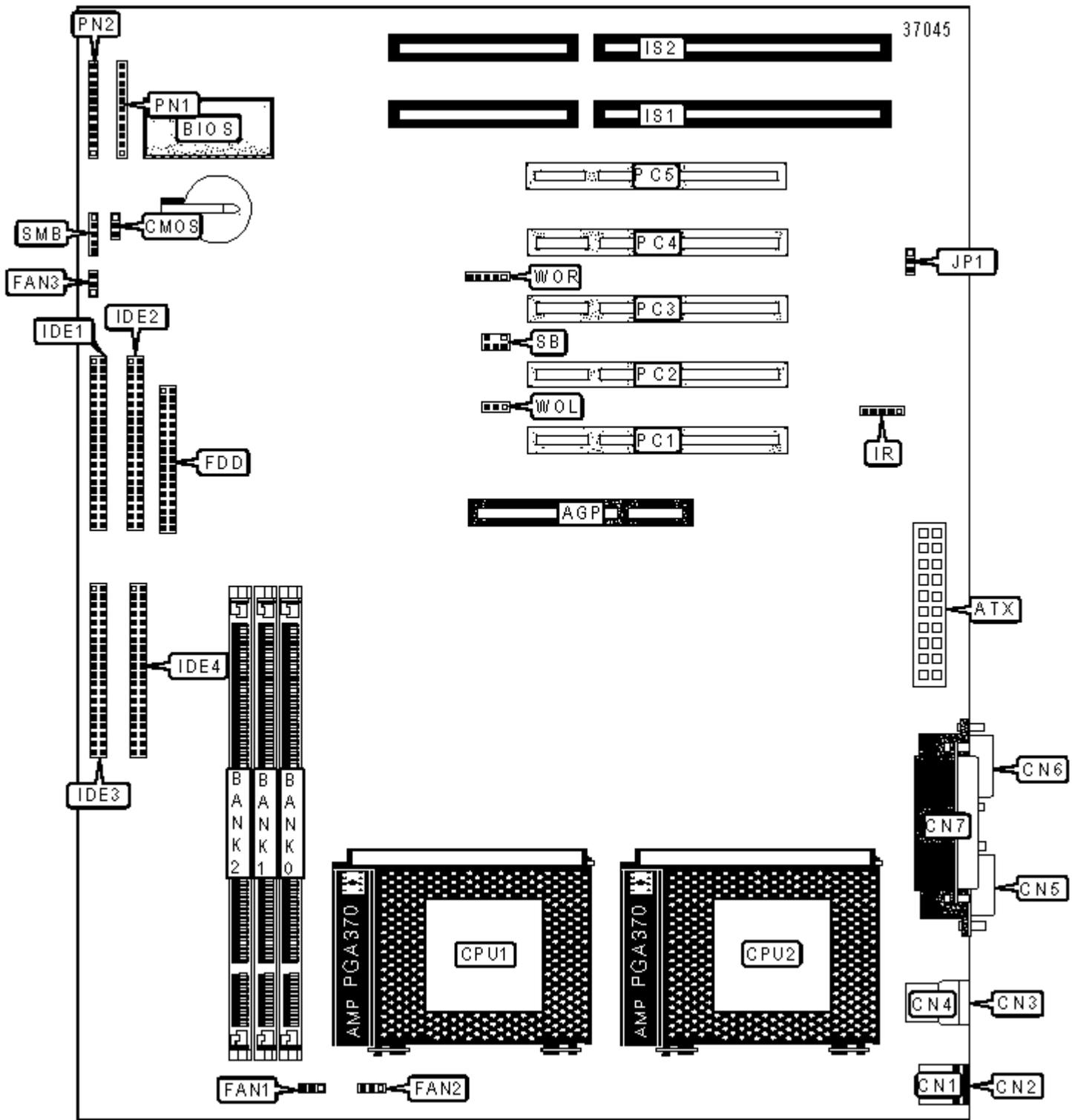
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	IDE interface 4	IDE4
ATX power connector	ATX	IR connector	IR
PS/2 mouse port	CN1	16-bit ISA slots	IS1 - IS2
PS/2 keyboard port	CN2	Reset switch	PN1/Pins 1 & 2

USB port 1	CN3	Speaker	PN1/Pins 4 - 7
USB port 2	CN4	Green PC LED	PN1/Pins 9 & 10
Serial port 1	CN5	Power LED & keylock	PN2/Pins 1 - 5
Serial port 2	CN6	IDE interface LED	PN2/Pins 6 & 7
Parallel port	CN7	Power switch	PN2/Pins 8 & 9
CPU fan power 1	FAN1	Green PC connector	PN2/Pins 10 & 11
CPU fan power 2	FAN2	32-bit PCI slots	PC1 - PC5
Fan power	FAN3	SB-Link connector	SB
Floppy drive interface	FDD	System Management connector	SMB
IDE interface 1	IDE1	Wake-on-LAN connector	WOL
IDE interface 2	IDE2	Wake-on-Ring connector	WOR
IDE interface 3	IDE3		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CMOS memory normal operation	CMOS	Pins 1 & 2 closed
CMOS memory clear	CMOS	Pins 2 & 3 closed
» Wake-on-Mouse/Keyboard enabled	JP1	Pins 2 & 3 closed
Wake-on-Mouse/Keyboard disabled	JP1	Pins 1 & 2 closed

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

32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M 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
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M 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
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M 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) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

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