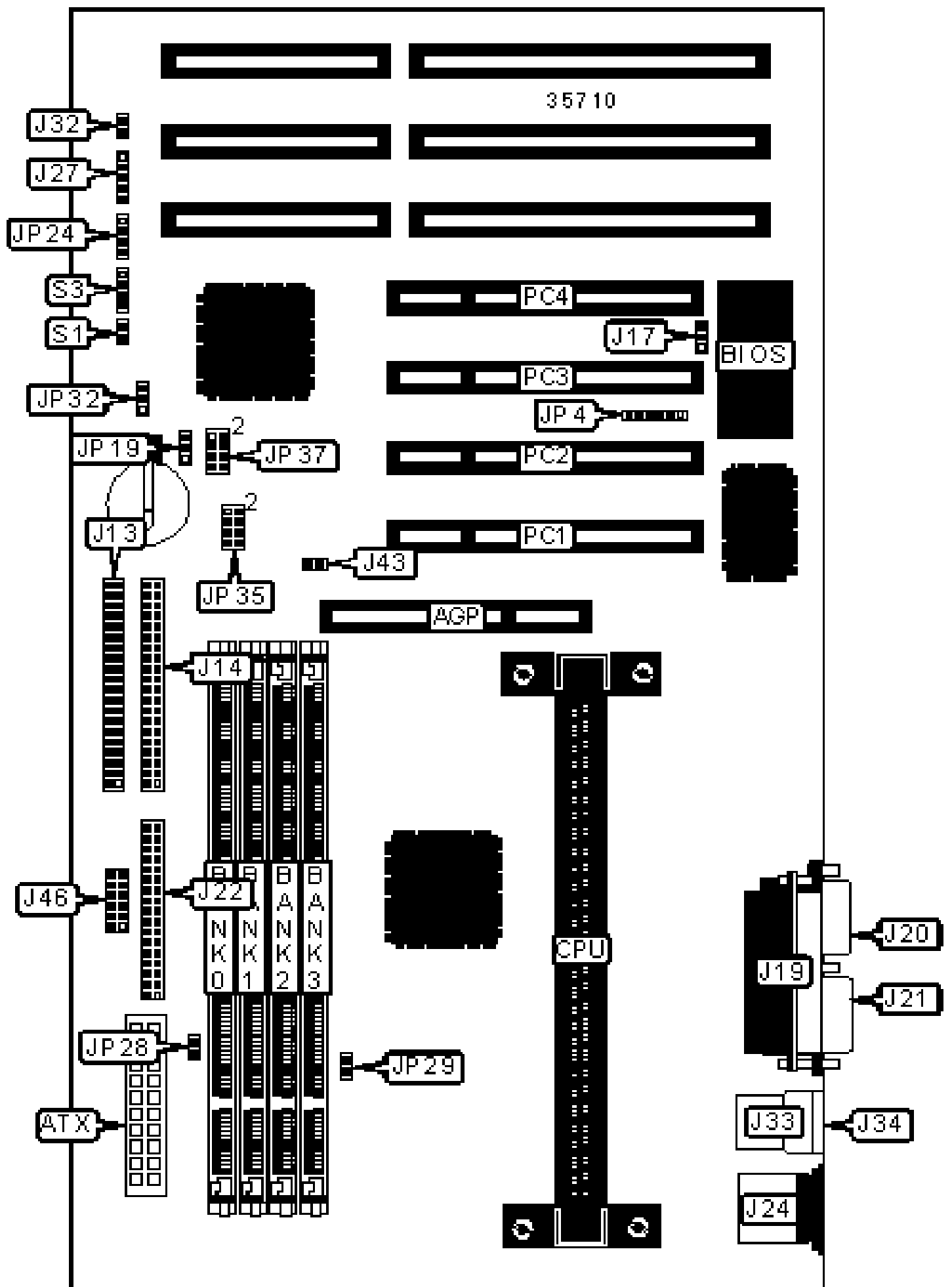


ANTEC, INC.

MB6831A

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	USB connector 1	J33
ATX power connector	ATX	USB connector 2	J34
IDE interface 1	J13	AGP fan power	J43
IDE interface 2	J14	EISCA collar connector	J46
Parallel port	J19	IR connector	JP4
Serial port 1	J20	Speaker	JP24
Serial port 2	J21	Chassis fan power	JP28
Floppy drive interface	J22	CPU fan power	JP29
PS/2 mouse port	J24	32-bit PCI slots	PC1 – PC4
Power LED & keylock	J27	Soft off power supply	S1
Reset switch	J32	IDE interface LED	S3

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Flash BIOS voltage select 12v	J17	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	J17	Pins 2 & 3 closed
»	CMOS memory normal operation	JP19	Pins 1 & 2 closed
	CMOS memory clear	JP19	Pins 2 & 3 closed
	Any hard drive installed	JP32	Pins 1 & 2 closed
	Seagate 5v hard drive installed	JP32	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None

16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64

192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.				

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	JP35	JP37
233MHz	66MHz	3.5x	Open	1 & 2, 5 & 6
266MHz	66MHz	4x	Open	3 & 4, 5 & 6, 7 & 8
300MHz	66MHz	4.5x	Open	3 & 4, 5 & 6
333MHz	66MHz	5x	Open	5 & 6, 7 & 8
Note: Pins designated should be in the closed position.				