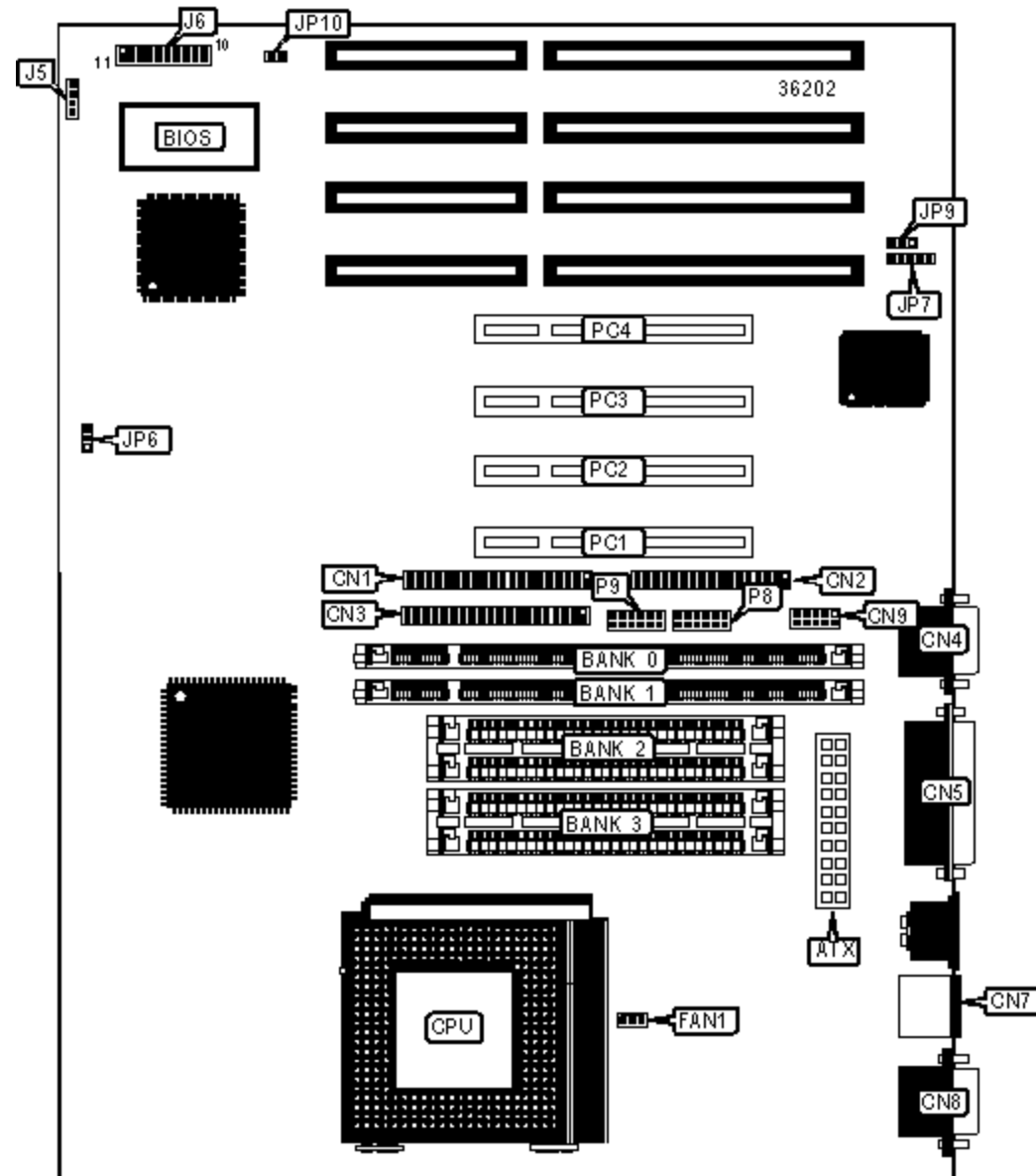


# ABIT COMPUTER CORPORATION

## AR5

<b>Device Type</b>	Mainboard
<b>Processor</b>	Cx 6x86/CX 6x86L/ AM K5/Pentium/Pentium MMX
<b>Processor Speed</b>	75/90/100/120/133/150/166/180/200MHz
<b>Chip Set</b>	Intel 430VX
<b>Maximum Onboard Memory</b>	128MB (EDO & SDRAM supported)
<b>Cache</b>	256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	Unidentified
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard connector, serial ports (2)
	IR connector, USB connector, ATX power connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Reset switch	J6/Pins 1 & 2

IDE interface 1	CN1	Hardware suspend switch	J6/Pins 6 & 7
Floppy drive interface	CN2	Turbo switch LED	J6/Pins 9 & 10
IDE interface 2	CN3	Speaker	J6/Pins 11 - 14
Serial port 2	CN4	Keylock connector	J6/Pins 16 - 20
Parallel port	CN5	IR connector	JP7
PS/2 mouse port	CN7	Standby connector	JP10
Serial port 1	CN8	Power input connector	P8
USB connector	CN9	Power input connector	P9
CPU fan power	FAN1	32-bit PCI slots	PC1 - PC4
IDE interface LED	J5		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP6	Pins 1 & 2 closed
	CMOS memory clear	JP6	Pins 2 & 3 closed
»	ATX power on (high active)	JP9	Pins 1 & 2 closed
	ATX power off (low active)	JP9	Pins 2 & 3 closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64

40MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
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
Note: Board accepts SDRAM memory.		

<b>SIMM CONFIGURATION</b>		
<b>Size</b>	<b>Bank 2</b>	<b>Bank 3</b>
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

<b>CACHE CONFIGURATION</b>
Note: Configuration of the cache memory is unidentified.

