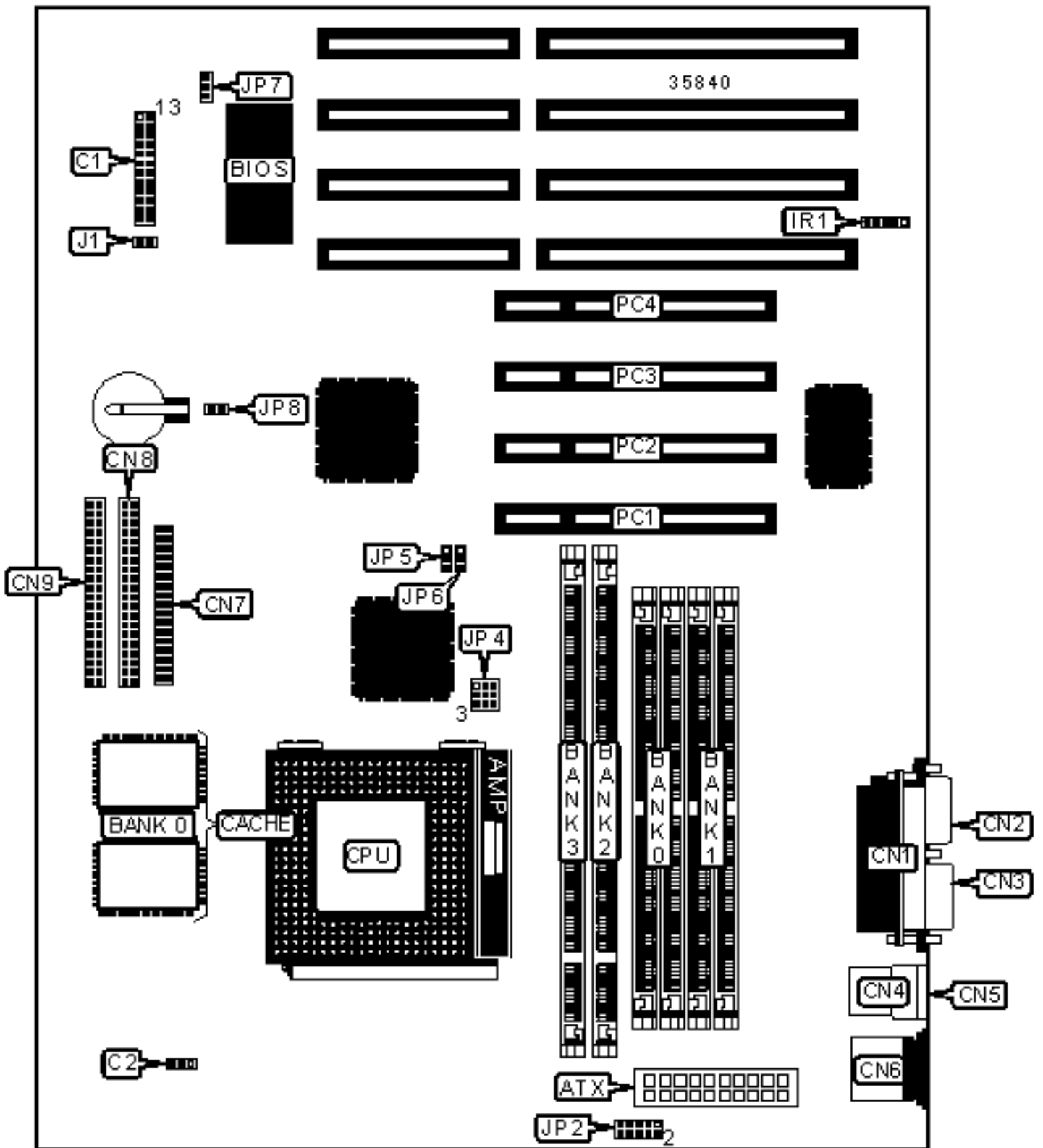


A-TREND TECHNOLOGY CORPORATION

ATC-5020+

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	CN3
Reset switch	C1/pins 1 & 2	USB connector 1	CN4
Green PC connector	C1/pins 4 & 5	USB connector 2	CN5
Turbo LED	C1/pins 7 & 8	PS/2 mouse port	CN6
IDE interface LED	C1/pins 10 & 11	Floppy drive interface	CN7
Speaker	C1/pins 13 - 16	IDE interface 2	CN8
Power LED & keylock	C1/pins 18 & 20	IDE interface 1	CN9
Chassis fan power	C2	IR connector	IR1
Serial port 1	CN1	Soft off power supply	J1
Serial port 2	CN2	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP7	Unidentified
» CMOS memory normal operation	JP8	Closed
CMOS memory clear	JP8	Open

SIMM CONFIGURATION

Size	Bank 0	Bank 1
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
128MB	(2) 16M x 36	None

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION

Size	Bank 2	Bank 3
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
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
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

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
150MHz	60MHz	2x	2 & 3, 4 & 5	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3, 4 & 5	1 & 2	1 & 2

200MHz	75MHz	2x	2 & 3, 4 & 5	2 & 3	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (CX 6X86MX)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
150MHz	60MHz	2x	2 & 3, 4 & 5	1 & 2	2 & 3
166MHz	66MHz	2x	2 & 3, 4 & 5	1 & 2	1 & 2
166MHz	60MHz	2.5x	2 & 3, 5 & 6	1 & 2	2 & 3
200MHz	66MHz	2.5x	2 & 3, 5 & 6	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3, 4 & 5	2 & 3	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (AM K5)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
100MHz	66MHz	1.5x	1 & 2, 4 & 5	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2, 4 & 5	1 & 2	2 & 3
133MHz	66MHz	1.5x	1 & 2, 4 & 5	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3, 5 & 6	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (AM K6)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2.5x	2 & 3, 5 & 6	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2, 4 & 5	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
120MHz	60MHz	2x	2 & 3, 4 & 5	1 & 2	2 & 3
133MHz	66MHz	2x	2 & 3, 4 & 5	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3, 5 & 6	1 & 2	2 & 3
166MHz	66MHz	2.5x	2 & 3, 5 & 6	1 & 2	1 & 2
180MHz	60MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2.5x	2 & 3, 5 & 6	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2, 4 & 5	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION

Type	JP2
AM K5	Pins 1 & 2 closed
AM K6	Pins 7 & 8 closed
AM K6-233	Pins 5 & 6 closed
CX 6X86L	Pins 9 & 10 closed
CX 6X86MX	Pins 7 & 8 closed
Intel MMX	Pins 9 & 10 closed

Intel STD	Pins 3 & 4 closed
Intel VRE	Pins 1 & 2 closed