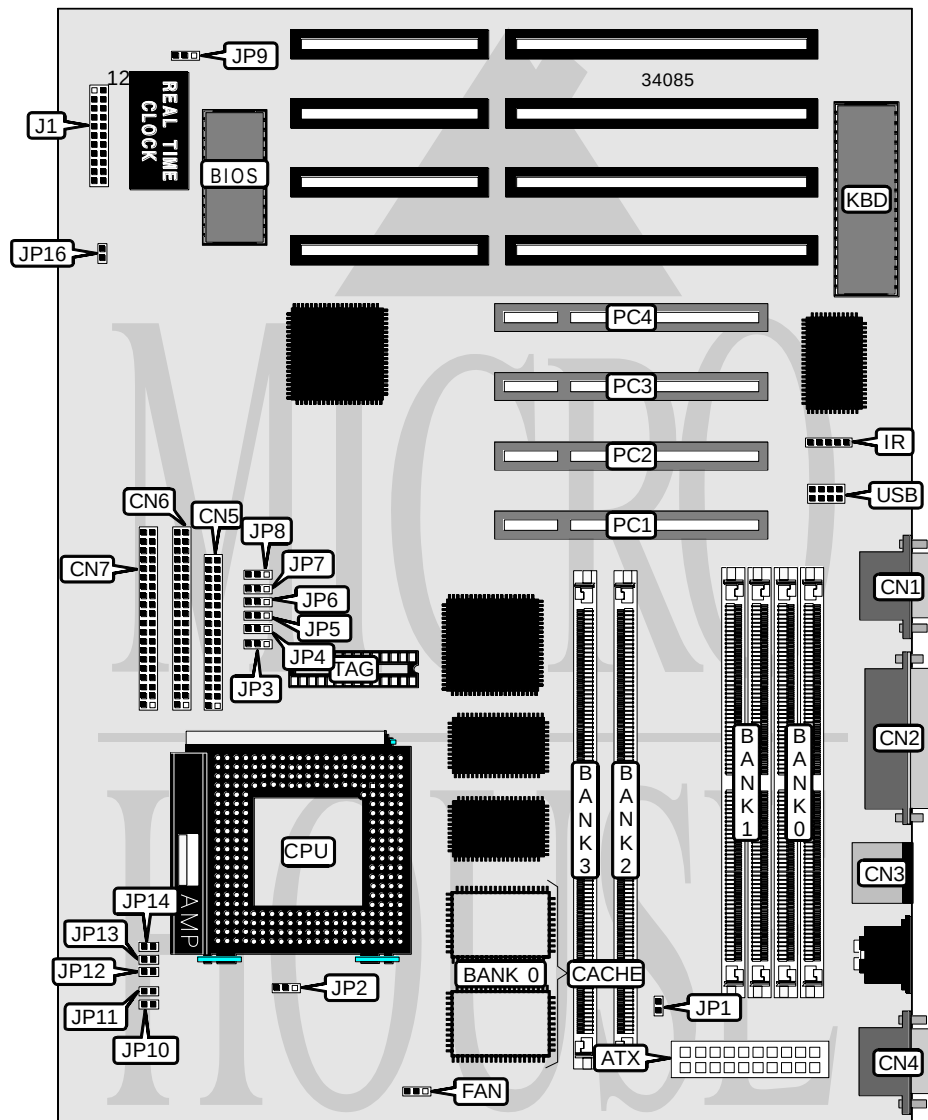


A-TREND TECHNOLOGY CORPORATION

ATC-1040

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	305mm x 201mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power supply	ATX	Reset switch	J1 pins 1 & 2
Serial port 2	CN1	Green PC connector	J1 pins 4 & 5
Parallel port	CN2	Turbo LED	J1 pins 7 & 8
PS/2 mouse port	CN3	IDE interface LED	J1 pins 10 & 11
Serial port 1	CN4	Speaker	J1 pins 12 - 15
Floppy drive interface	CN5	Power LED & keylock	J1 pins 17 - 21
IDE interface 2	CN6	Soft off power supply	JP1
IDE interface 1	CN7	32-bit PCI slots	PC1 – PC4
Chassis fan power	FAN	USB connector	USB
IR connector	IR		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	JP5	Unidentified
í Flash BIOS write protect disabled	JP9	Pins 2 & 3 closed
Flash BIOS write protect enabled	JP9	Pins 1 & 2 closed
í CMOS memory normal operation	JP16	Open
CMOS memory clear	JP16	Closed

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
Note: Do not install DIMM and SIMM at the same time.		

DRAM 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

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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
Note: Board accepts EDO memory.		

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	JP3	JP4	JP6	JP7	JP8
120MHz	50MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	JP3	JP4	JP6	JP7	JP8
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
120MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP3	JP4	JP6	JP7	JP8
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
180MHz	60MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

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CPU TYPE SELECTION						
Type	JP2	JP10	JP11	JP12	JP13	JP14
CX6X86	2 & 3	Closed	Open	Open	Open	Open
CX686L	1 & 2	Open	Open	Open	Open	Closed
AM K5	2 & 3	Closed	Open	Open	Open	Open
P54C STD	2 & 3	Open	Closed	Open	Open	Open
P54C VRE	2 & 3	Closed	Open	Open	Open	Open
P55C	1 & 2	Open	Open	Open	Open	Closed
Note: Pins designated should be in the closed position.						