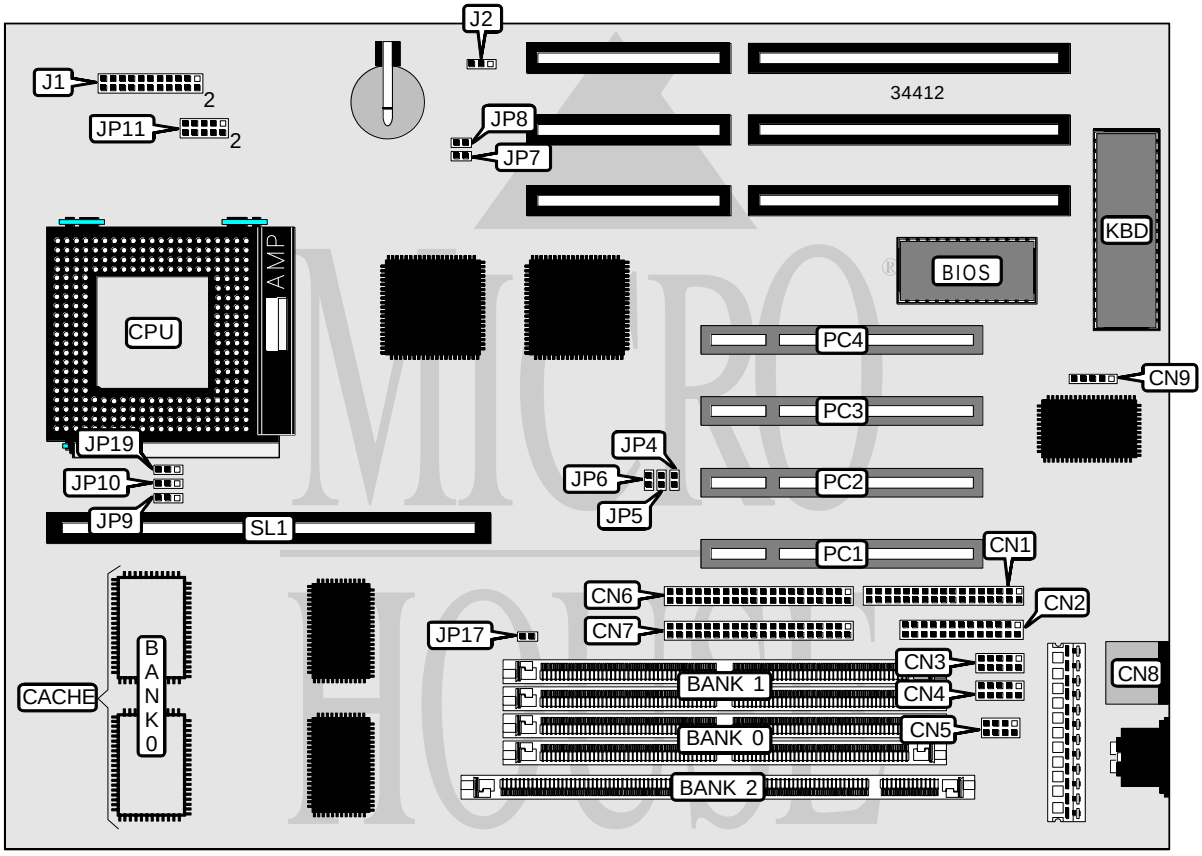
A-TREND TECHNOLOGY CORPORATION
A T C - 1 0 2 0 +

Processor	CX M1/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	280mm x 220mm
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), USB connector, IR connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Floppy drive interface	CN1	Reset switch	J1/pins 1 & 2
Parallel port	CN2	Green PC connector	J1/pins 4 & 5
Serial port 1	CN3	Turbo LED	J1/pins 7 & 8
Serial port 2	CN4	IDE interface LED	J1/pins 10 & 11
USB connector	CN5	Speaker	J1/pins 12 - 15
IDE interface 1	CN6	Power LED	J1/pins 17 - 19
IDE interface 2	CN7	Chassis fan power	J2
PS/2 mouse port	CN8	32-bit PCI slots	PC1 – PC4
IR connector	CN9	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP8	Open
CMOS memory clear	JP8	Closed
í Flash BIOS update disabled	JP19	Pins 2 & 3 closed
Flash BIOS update enabled	JP19	Pins 1 & 2 closed

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
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
Note: Board accepts EDO memory. Banks are interchangeable.		

DIMM CONFIGURATION	
Size	**Bank 2**
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
Note: Do not install SIMMs & DIMMS at the same time.	

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CACHE CONFIGURATION			
Size	**Bank 0**	**SL1**	**TAG**
256KB	(2) 32K x 8	Not installed	(1) 16K/32K x 8
256KB	None	256KB module installed	(1) 16K/32K x 8
512KB	(2) 64K x 32	Not installed	(1) 16K/32K x 8
512KB	None	512KB module installed	(1) 16K/32K x 8

CACHE TAG CONFIGURATION	
Setting	**JP17**
Enabled	Closed
Disabled	Open

CPU SPEED SELECTION (CYRIX)								
CPU speed	**Clock speed**	**Multiplier**	**JP4**	**JP5**	**JP6**	**JP7**	**JP9**	**JP10**
120MHz	50MHz	2x	Closed	Open	Open	Open	1 & 2	2 & 3
133MHz	55MHz	2x	Closed	Closed	Closed	N/A	1 & 2	2 & 3
150MHz	60MHz	2x	Closed	Closed	Open	Closed	1 & 2	2 & 3
166MHz	66MHz	2x	Closed	Open	Closed	Closed	1 & 2	2 & 3
200MHz	75MHz	2x	Open	Closed	Closed	N/A	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AMD K5)								
CPU speed	**Clock speed**	**Multiplier**	**JP4**	**JP5**	**JP6**	**JP7**	**JP9**	**JP10**
75MHz	50MHz	1.5x	Closed	Open	Open	Open	1 & 2	1 & 2
90MHz	60MHz	1.5x	Closed	Closed	Open	Closed	1 & 2	1 & 2
100MHz	66MHz	1.5x	Closed	Open	Closed	Closed	1 & 2	1 & 2
120MHz	60MHz	1.5x	Closed	Closed	Open	Closed	1 & 2	1 & 2
133MHz	66MHz	1.5x	Closed	Open	Closed	Closed	1 & 2	1 & 2
150MHz	60MHz	1.5x	Closed	Closed	Open	Closed	1 & 2	1 & 2
166MHz	66MHz	2.5x	Closed	Open	Closed	Closed	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AMD K6)								
CPU speed	**Clock speed**	**Multiplier**	**JP4**	**JP5**	**JP6**	**JP7**	**JP9**	**JP10**
166MHz	66MHz	2.5x	Closed	Open	Closed	Closed	2 & 3	2 & 3
200MHz	66MHz	3x	Closed	Open	Closed	Closed	2 & 3	1 & 2
233MHz	66MHz	3.5x	Closed	Open	Closed	Closed	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (INTEL)								
CPU speed	**Clock speed**	**Multiplier**	**JP4**	**JP5**	**JP6**	**JP7**	**JP9**	**JP10**
75MHz	50MHz	1.5x	Closed	Open	Open	Open	1 & 2	1 & 2
90MHz	60MHz	1.5x	Closed	Closed	Open	Closed	1 & 2	1 & 2
100MHz	66MHz	1.5x	Closed	Open	Closed	Closed	1 & 2	1 & 2
120MHz	60MHz	2x	Closed	Closed	Open	Closed	1 & 2	2 & 3
133MHz	66MHz	2x	Closed	Open	Closed	Closed	1 & 2	2 & 3
150MHz	60MHz	2.5x	Closed	Closed	Open	Closed	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Open	Closed	Closed	2 & 3	2 & 3
180MHz	60MHz	3x	Closed	Closed	Open	Closed	2 & 3	1 & 2
200MHz	66MHz	3x	Closed	Open	Closed	Closed	2 & 3	1 & 2
233MHz	66MHz	3.5x	Closed	Open	Closed	Closed	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION	
Voltage	**JP11**
2.8v	Pins 9 & 10 closed
2.9v	Pins 7 & 8 closed
3.2v	Pins 5 & 6 closed
3.3v	Pins 3 & 4 closed
3.5v	Pins 1 & 2 closed