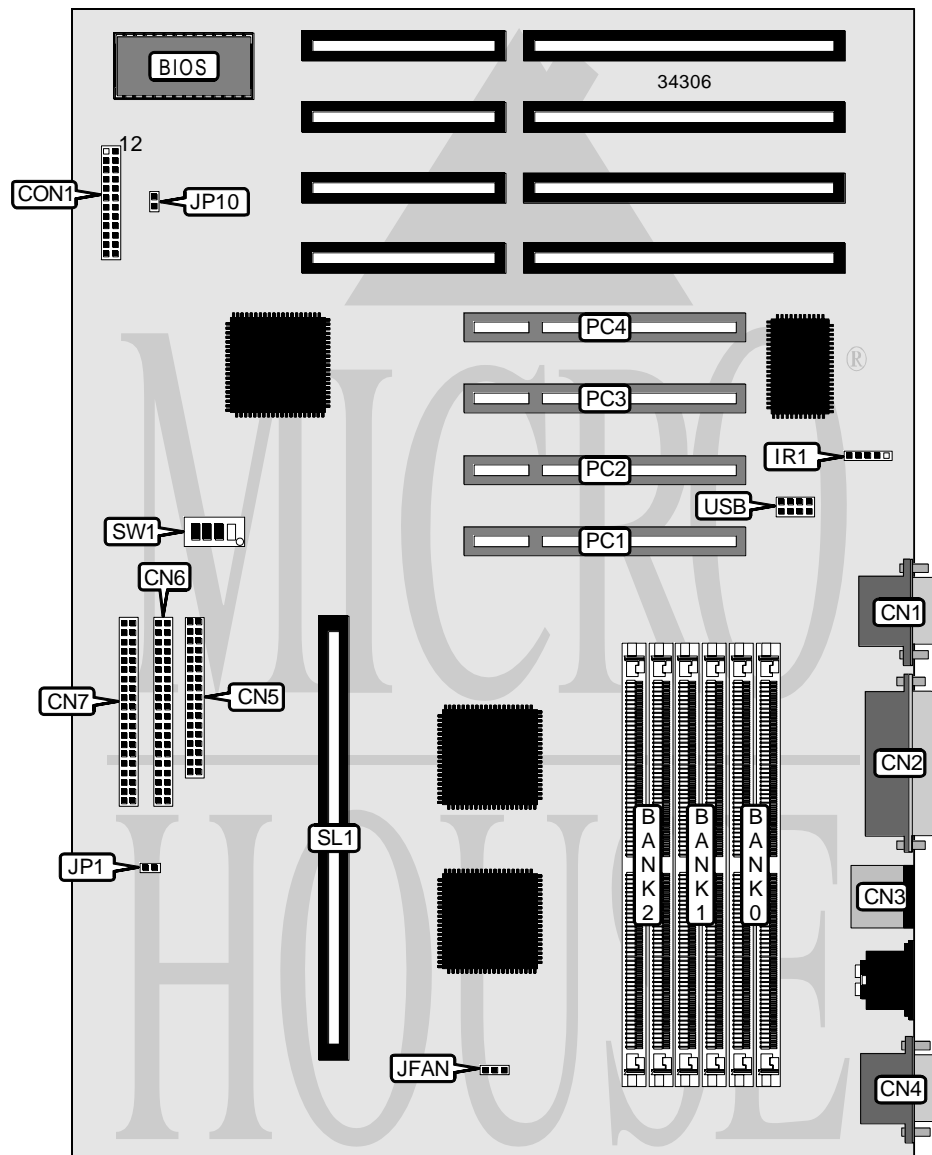


A-TREND TECHNOLOGY CORPORATION

ATC-6100 R1

Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	768MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 245mm
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, CPU Slot 1
NPU Options	None



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A-TREND TECHNOLOGY CORPORATION

ATC-6100 R1

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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	IDE interface LED	CON1/pins 10 & 11
Parallel port	CN2	Speaker	CON1/pins 12 - 15
PS/2 mouse port	CN3	Power LED	CON1/pins 17 - 20
Serial port 1	CN4	IR connector	IR1
Floppy drive interface	CN5	Chassis fan power	JFAN
IDE interface 2	CN6	Soft off power supply	JP1
IDE interface 1	CN7	32-bit PCI slots	PC1 – PC4
Reset switch	CON1/pins 1 & 2	CPU Slot 1	SL1
Green PC connector	CON1/pins 4 & 5	USB connector	USB
Turbo LED	CON1/pins 7 & 8		

Note: The location of JFAN may not be exact.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP10	Open
CMOS memory clear	JP10	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36	None
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
40MB	(2) 1M x 36	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36	None
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
72MB	(2) 1M x 36	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36	None
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 16M x 36	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
256MB	(2) 32M x 36	None	None
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233Mhz	66MHz	3.5x	Off	Off	Off	Off
266MHz	66MHz	4x	On	On	On	Off
300MHz	66MHz	4.5x	Off	On	On	Off
333MHz	66MHz	5x	On	Off	On	Off