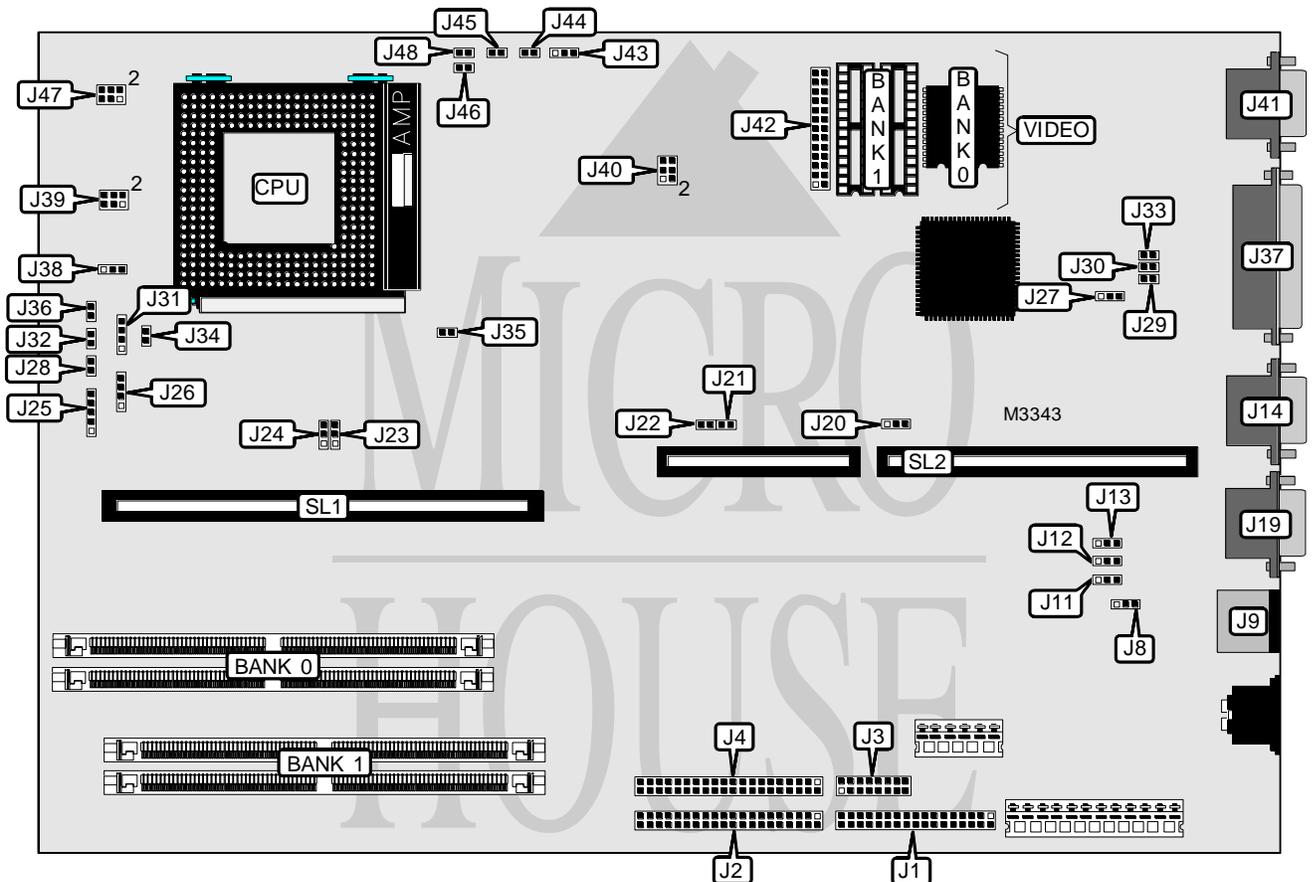


AMERICAN MEGATRENDS, INC. ATLAS PCI LPX

Processor	Pentium
Processor Speed	75/90/100/120/133/150MHz
Chip Set	Unidentified
Video Chip Set	ATI
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	2MB
Cache	256/512KB
BIOS	AMI
Dimensions	330mm x 228mm
I/O Options	Floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot, cache slot, MIDI/joystick interface
NPU Options	None



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AMERICAN MEGATRENDS, INC.
ATLAS PCI LPX

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CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	J1	Turbo LED	J32
IDE interface 1	J2	Chassis fan power	J34
MIDI/joystick interface	J3	IDE interface LED	J36
IDE interface 2	J4	Parallel port	J37
PS/2 mouse port	J9	VGA port	J41
Serial port 1	J14	VGA feature connector	J42
Serial port 2	J19	Green PC connector	J44
Power LED & keylock	J26	Cache slot	SL1
Reset switch	J28	Riser slot	SL2
Speaker	J31		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Serial port 2 used as serial port	J8	Pins 2 & 3 closed
Serial port 2 used as IR connector	J8	Pins 1 & 2 closed
Serial port 2 IRQ select IRQ3	J11	Pins 1 & 2 closed
Serial port 2 IRQ select IRQ4	J11	Pins 2 & 3 closed
Serial port 1 IRQ select IRQ4	J12	Pins 1 & 2 closed
Serial port 1 IRQ select IRQ3	J12	Pins 2 & 3 closed
Parallel port IRQ select IRQ7	J13	Pins 1 & 2 closed
Parallel port IRQ select IRQ5	J13	Pins 2 & 3 closed
PS/2 mouse enabled	J20	Pins 1 & 2 closed
PS/2 mouse disabled	J20	Pins 2 & 3 closed
Jumper information unavailable	J23	N/A
Jumper information unavailable	J24	N/A
Jumper information unavailable	J25	N/A
On board video enabled	J27	Pins 1 & 2 closed
On board video disabled	J27	Pins 2 & 3 closed
CMOS memory normal operation	J29	Open
CMOS memory clear	J29	Closed
Jumper information unavailable	J30	N/A
On board video IRQ enabled	J33	Closed
On board video IRQ disabled	J33	Open
Jumper information unavailable	J34	N/A
Jumper information unavailable	J35	N/A
Jumper information unavailable	J45	N/A

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AMERICAN MEGATRENDS, INC.
ATLAS PCI LPX

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
8MB	(2) 1M x 36	None
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.

CACHE CONFIGURATION	
Size	SL1
256KB	Installed
512KB	Installed

Note: Cache modules can be asynchronous, pipeline burst or synchronous burst. Only one module can be installed at SL1.

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AMERICAN MEGATRENDS, INC.
ATLAS PCI LPX

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VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
1MB	1MB	None
2MB	1MB	1MB

Note: Bank 0 is factory installed and is not configurable. The size of the Bank 1 chips are unidentified.

CPU SPEED SELECTION			
CPU speed	Clock speed	J46	J48
75MHz	50MHz	Open	Open
90MHz	60MHz	Open	Open
100MHz	50MHz	Closed	Open
100MHz	66MHz	Open	Open
120MHz	60MHz	Closed	Open
133MHz	66MHz	Closed	Open
150MHz	50MHz	Open	Closed
150MHz	60MHz	Closed	Closed

HOST CLOCK SELECTION		
Speed	J21	J22
50MHz	Closed	Closed
60MHz	Closed	Open
66MHz	Open	Closed

CPU VOLTAGE SELECTION	
Voltage	J38
3.135v - 3.45v (standard CPU)	Pins 1 & 2 closed
3.45v - 3.6v (VRE CPU)	Pins 2 & 3 closed

3.3V POWER SUPPLY SELECTION			
Setting	J39	J40	J47
Voltage regulator	1 & 2, 3 & 4, 5 & 6	Open	1 & 2, 3 & 4, 5 & 6
Power supply	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	Open

Note: Pins designated should be in the closed position.

PCI HOST CLOCK SELECTION	
Speed	J43
50MHz	Pins 2 & 3 closed
60MHz	Pins 1 & 2 closed
66MHz	Pins 1 & 2 closed