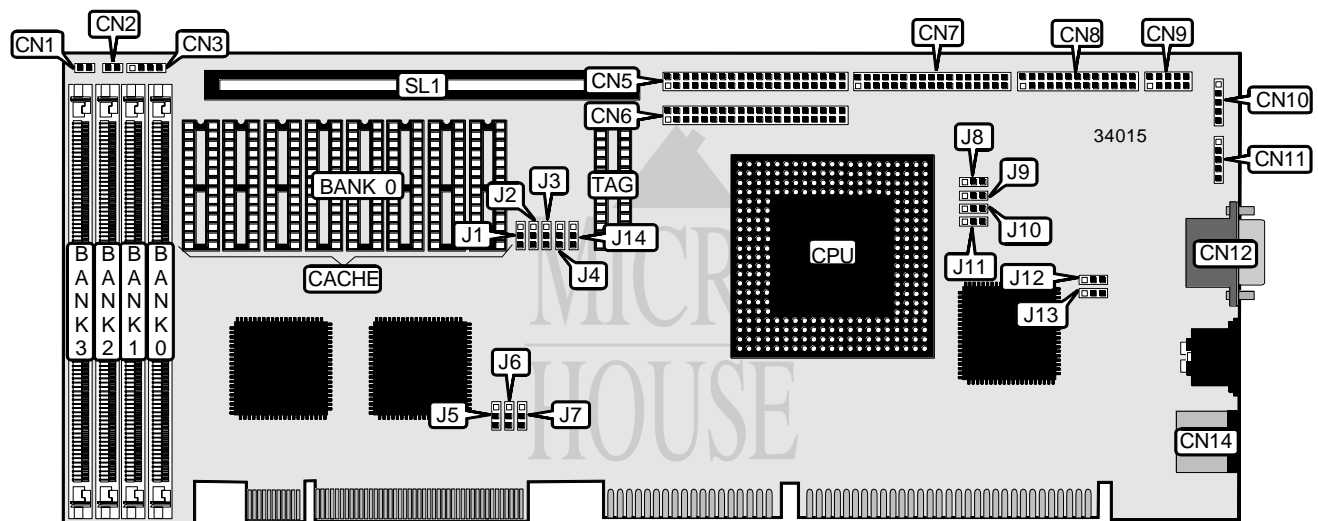


AXIOM TECHNOLOGY, INC.

AX8158

Processor	Pentium
Processor Speed	75/90/100/120/133/166/MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512/1024KB
BIOS	AMI
Dimensions	388mm x 122mm
I/O Options	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial ports (2), cache slot
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface LED	CN1	Serial port 2	CN9
Reset switch	CN2	Auxiliary keyboard connector	CN10
Speaker	CN3	PS/2 mouse interface	CN11
IDE interface 1	CN5	Serial port 1	CN12
IDE interface 2	CN6	PS/2 mouse port	CN14
Floppy drive interface	CN7	Cache slot	SL1
Parallel port	CN8		

Continued on next page. . .

AXIOM TECHNOLOGY, INC.

AX8158

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í PCI bus clock select CPUCLK/2	J7	Pins 1 & 2 closed
PCI bus clock select 32MHz	J7	Pins 2 & 3 closed
í CPU NA# mode disabled	J8	Pins 1 & 2 closed
CPU NA# mode enabled	J8	Pins 2 & 3 closed
í CPU cache type select write back	J9	Pins 1 & 2 closed
CPU cache type select write through	J9	Pins 2 & 3 closed
í Parallel port IRQ select IRQ7	J12	Pins 1 & 2 closed
Parallel port IRQ select IRQ5	J12	Pins 2 & 3 closed
í WDT function select NMI	J13	Pins 1 & 2 closed
WDT function select reset	J13	Pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36	None	None
4MB	(1) 1M x 36	None	None	None
6MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None	None	None
18MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None	None
34MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	None	None
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36

Continued on next page...

AXIOM TECHNOLOGY, INC.

A X 8 1 5 8

... continued from previous page

DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
68MB	(1) 512K x 36	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

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

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB (A)	(8) 32K x 8	Not installed	(1) 32K x 8
256KB (B)	None	256KB module installed	None
512KB (A)	(8) 64K x 8	Not installed	(1) 32K x 8
512KB (B)	None	512KB module installed	None
1MB	(8) 128K x 8	Not installed	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	J2	J3
256KB (A)	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB (A)	Pins 1 & 2 closed	Pins 2 & 3 closed
512KB (B)	Pins 1 & 2 closed	Pins 2 & 3 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed

CACHE TYPE CONFIGURATION	
Type	J1
í Asynchronous	Pins 1 & 2 closed
Burst/pipeline burst	Pins 2 & 3 closed

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	J5	J6	J10	J11
75MHz	50MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION		
Voltage	J4	J14
í 3.36v	Pins 1 & 2 closed	Pins 1 & 2 closed
3.53v	Pins 2 & 3 closed	Pins 2 & 3 closed