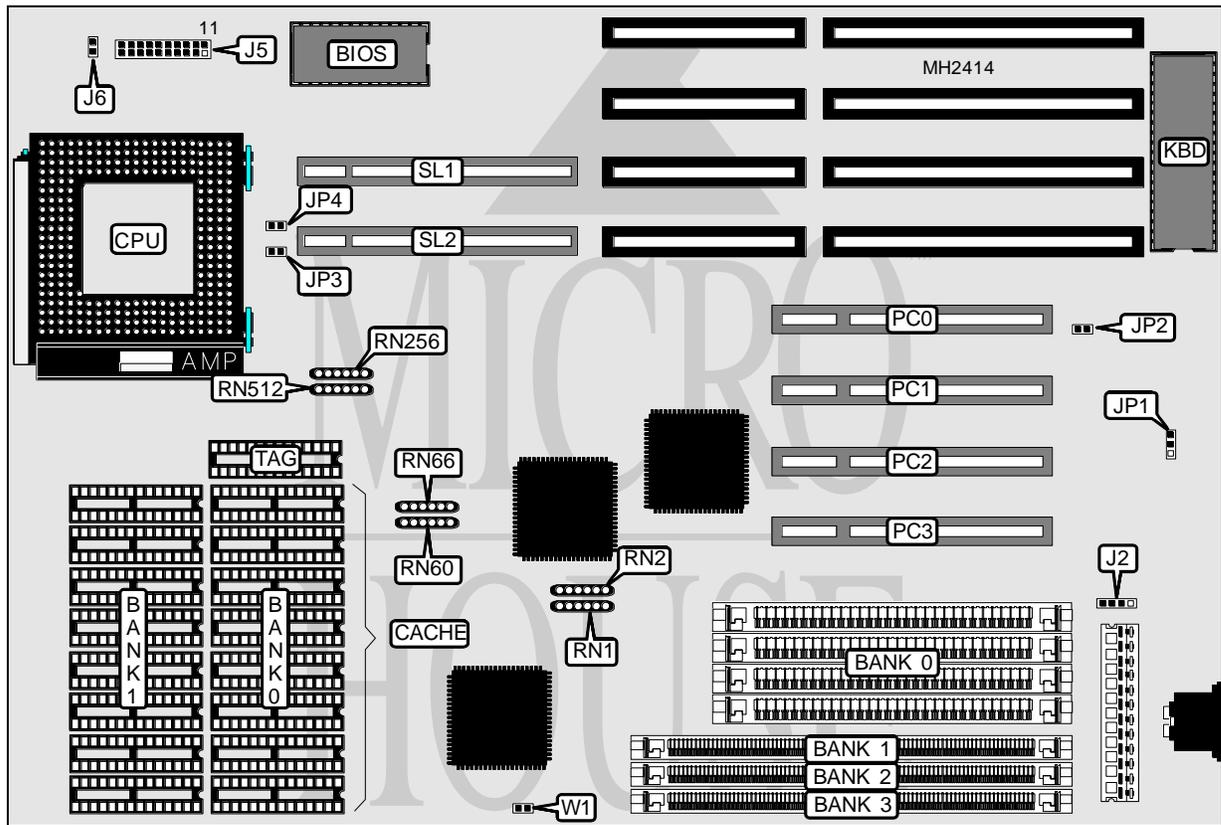


ATEN RESEARCH, INC. AM-586VIPL / PCI58PL

Processor	Pentium
Processor Speed	60/66MHz
Chip Set	OPT1
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), 32-bit PCI slots (4)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Hard drive LED	J5 (pins 10 & 20)
Hard drive LED interface	J6	Power LED & keylock	J5 (pins 11-15)
Speaker	J5 (pins 1-4)	32-bit PCI slots	PC0 - PC3
Turbo LED	J5 (pins 8 & 18)	32-bit VESA local bus slots	SL1 & SL2
Reset switch	J5 (pins 9 & 19)		

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ATEN RESEARCH, INC.
AM-586VIPL / PCI58PL

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation (on board battery)	JP1	pins 2 & 3 closed
CMOS memory normal operation (external battery)	JP1	all open
CMOS memory clear	JP1	pins 1 & 2 closed
í Monitor type select monochrome	JP2	Open
Monitor type select color	JP2	Closed
í VESA wait state select 0 wait states	JP4	Open
VESA wait state select 1 wait state	JP4	Closed
í VESA edge select 1 wait state	W1	Closed
VESA edge select 0 wait state	W1	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(4) 1M x 9	NONE	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE	NONE
8MB	(4) 1M x 9	NONE	(1) 1M x 36	NONE
8MB	NONE	(1) 1M x 36	(1) 1M x 36	NONE
8MB	NONE	(1) 2M x 36	NONE	NONE
12MB	(4) 1M x 9	NONE	(1) 2M x 36	NONE
12MB	NONE	(1) 1M x 36	(1) 2M x 36	NONE
16MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 2M x 36
16MB	(4) 4M x 9	NONE	NONE	NONE
16MB	NONE	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36
16MB	NONE	(1) 2M x 36	(1) 2M x 36	NONE
16MB	NONE	(1) 4M x 36	NONE	NONE
20MB	(4) 1M x 9	NONE	(1) 2M x 36	(1) 2M x 36
20MB	(4) 1M x 9	NONE	(1) 4M x 36	NONE
20MB	NONE	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
20MB	NONE	(1) 1M x 36	(1) 4M x 36	NONE
24MB	NONE	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
24MB	NONE	(1) 2M x 36	(1) 4M x 36	NONE
32MB	(4) 4M x 9	NONE	(1) 4M x 36	NONE
32MB	NONE	(1) 4M x 36	(1) 4M x 36	NONE
32MB	NONE	(1) 8M x 36	NONE	NONE
36MB	(4) 1M x 9	NONE	(1) 8M x 36	NONE
36MB	NONE	(1) 1M x 36	(1) 8M x 36	NONE
40MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 8M x 36
40MB	NONE	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36
40MB	NONE	(1) 2M x 36	(1) 8M x 36	NONE
44MB	(4) 1M x 9	NONE	(1) 2M x 36	(1) 8M x 36
44MB	NONE	(1) 1M x 36	(1) 2M x 36	(1) 8M x 36

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ATEN RESEARCH, INC.

AM-586VIPL / PCI58PL

... continued from previous page

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
48MB	(4) 4M x 9	NONE	(1) 8M x 36	NONE
48MB	NONE	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36
48MB	NONE	(1) 4M x 36	(1) 8M x 36	NONE
52MB	(4) 1M x 9	NONE	(1) 4M x 36	(1) 8M x 36
52MB	NONE	(1) 1M x 36	(1) 4M x 36	(1) 8M x 36
56MB	NONE	(1) 2M x 36	(1) 4M x 36	(1) 8M x 36
64MB	(4) 4M x 9	NONE	(1) 4M x 36	(1) 8M x 36
64MB	(4) 16M x 9	NONE	NONE	NONE
64MB	NONE	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36
64MB	NONE	(1) 8M x 36	(1) 8M x 36	NONE
64MB	NONE	(1) 16M x 36	NONE	NONE
68MB	(4) 1M x 9	NONE	(1) 8M x 36	(1) 8M x 36
68MB	NONE	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	NONE	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(4) 4M x 9	NONE	(1) 8M x 36	(1) 8M x 36
80MB	NONE	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(4) 16M x 9	NONE	(1) 8M x 36	NONE
96MB	NONE	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
96MB	NONE	(1) 16M x 36	(1) 8M x 36	NONE
128MB	(4) 16M x 9	NONE	(1) 8M x 36	(1) 8M x 36
128MB	NONE	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36

DRAM RESISTOR ARRAY CONFIGURATION		
SIMM Size	RN1	RN2
16M SIMM in Bank 0 or Bank 1	Not installed	Installed
Other	Installed	Not installed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(8) 32K x 8	NONE	(1) 32K x 8
512KB	(8) 32K x 8	(8) 32K x 8	(1) 32K x 8

CACHE RESISTOR ARRAY CONFIGURATION		
Size	RA256	RA512
256KB	Installed	Not installed
512KB	Not installed	Installed

CPU SPEED RESISTOR ARRAY CONFIGURATION		
Speed	RN60	RN66
60	Installed	Not installed
66	Not installed	Installed

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ATEN RESEARCH, INC.
AM-586VIPL / PCI58PL

... continued from previous page

VESA BUS SPEED CONFIGURATION	
Speed	JP3
Synchronous	Open
Asynchronous	Closed