Processor Alpha

Processor Speed 166/200/233/275MHz

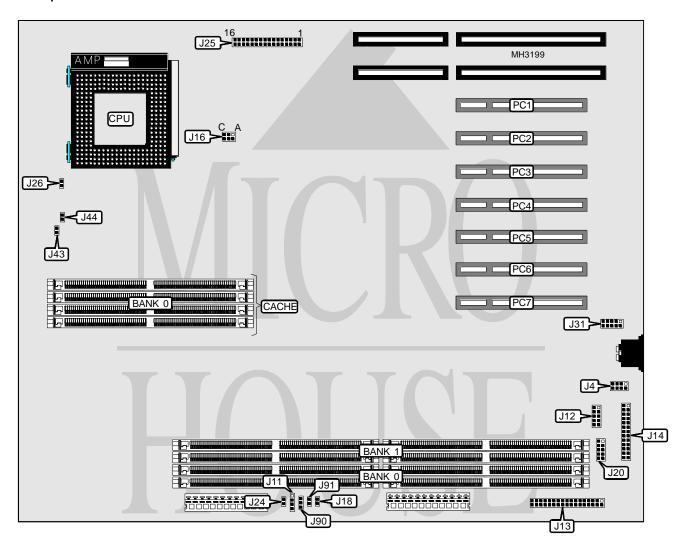
Digital **Chip Set** Max. Onboard DRAM 512MB Cache 2/4/8MB **BIOS** Aspen

Dimensions 336mm x 311mm

I/O Options 32-bit PCI slots (7), floppy drive interface, parallel port, PS/2 mouse interface, serial ports

(2)

NPU Options None



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CONNECTIONS				
Purpose	Location	Purpose	Location	
Remote diagnostics	J4	Serial port 1	J20	
Speaker	J11	Reset switch	J24	
Serial port 2	J12	PS/2 mouse interface	J31	
Floppy drive interface	J13	LED	J90	
Parallel port	J14	LED	J91	
Keylock	J18	32-bit PCI slots	PC1 - PC7	

USER CONFIGURABLE SETTINGS				
Function	Jumper	Position		
í Comanche fast write enabled	J25/1	Closed		
Comanche fast write disabled	J25/1	Open		
í Factory configured - do not alter	J25/4	Open		
í Debug monitor boot selected image	J25/5	Closed		
Debug monitor	J25/5	Open		
í Factory configured - do not alter	J25/6	Open		

	DRAM CONFIGURATION	
Size	Bank 0	Bank 1
16MB	(4) 1M x 36	NONE
32MB	(4) 1M x 36	(4) 1M x 36
32MB	(4) 2M x 36	NONE
48MB	(4) 2M x 36	(4) 1M x 36
64MB	(4) 2M x 36	(4) 2M x 36
64MB	(4) 4M x 36	NONE
80MB	(4) 4M x 36	(4) 1M x 36
96MB	(4) 4M x 36	(4) 2M x 36
128MB	(4) 4M x 36	(4) 4M x 36
128MB	(4) 8M x 36	NONE
144MB	(4) 8M x 36	(4) 1M x 36
160MB	(4) 8M x 36	(4) 2M x 36
192MB	(4) 8M x 36	(4) 4M x 36
256MB	(4) 8M x 36	(4) 8M x 36
256MB	(4) 16M x 36	NONE
272MB	(4) 16M x 36	(4) 1M x 36
288MB	(4) 16M x 36	(4) 2M x 36
320MB	(4) 16M x 36	(4) 4M x 36
384MB	(4) 16M x 36	(4) 8M x 36
512MB	(4) 16M x 36	(4) 16M x 36

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DRAM JUMPER CONFIGURATION						
Size	J25 (7)	J25 (8)	J25 (9)	J25 (12)	J25 (13)	J25 (14)
16MB	Closed	Closed	Closed	Open	Closed	Closed
32MB	Open	Closed	Closed	Open	Closed	Closed
32MB	Closed	Closed	Closed	Closed	Open	Closed
48MB	Open	Closed	Closed	Closed	Open	Closed
64MB	Closed	Open	Closed	Closed	Open	Closed
64MB	Closed	Closed	Closed	Open	Open	Closed
80MB	Open	Closed	Closed	Open	Open	Closed
96MB	Closed	Open	Closed	Open	Open	Closed
128MB	Open	Open	Closed	Open	Open	Closed
128MB	Closed	Closed	Closed	Closed	Closed	Open
144MB	Open	Closed	Closed	Closed	Closed	Open
160MB	Closed	Open	Closed	Closed	Closed	Open
192MB	Open	Open	Closed	Closed	Closed	Open
256MB	Closed	Closed	Open	Closed	Closed	Open
256MB	Closed	Closed	Closed	Open	Closed	Open
272MB	Open	Closed	Closed	Open	Closed	Open
288MB	Closed	Open	Closed	Open	Closed	Open
320MB	Open	Open	Closed	Open	Closed	Open
384MB	Closed	Closed	Open	Open	Closed	Open
512MB	Open	Closed	Open	Open	Closed	Open

DRAM SPEED CONFIGURATION					
Speed	J25/10	J25/11	J25/15	J25/16	
60ns	Closed	Open	Closed	Open	
70ns	Open	Closed	Open	Closed	
80ns	Closed	Closed	Closed	Closed	
Note: J25 (10 & 11) are for Bank 1 and J25 (15 & 16) are for Bank 0.					

CACHE CONFIGURATION			
Size Bank 0			
2MB	(4) 2M x 80		
4MB	(4) 4M x 80		
8MB	(4) 8M x 80		

CACHE JUMPER CONFIGURATION					
Size J26 J43 J44					
2MB	Closed	Closed	Closed		
4MB	Open	Closed	Open		
8MB	Closed	Open	Open		

	CACHE CONFIGURATION	
Setting	J25/2	J25/3
Enabled	Open	Open
Disabled	Closed	Closed

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CPU SPEED CONFIGURATION					
Speed	J16A	J16B	J16C		
166MHz	Open	Open	Closed		
200MHz	Closed	Closed	Open		
233MHz	Open	Closed	Open		
275MHz	Open	Open	Open		