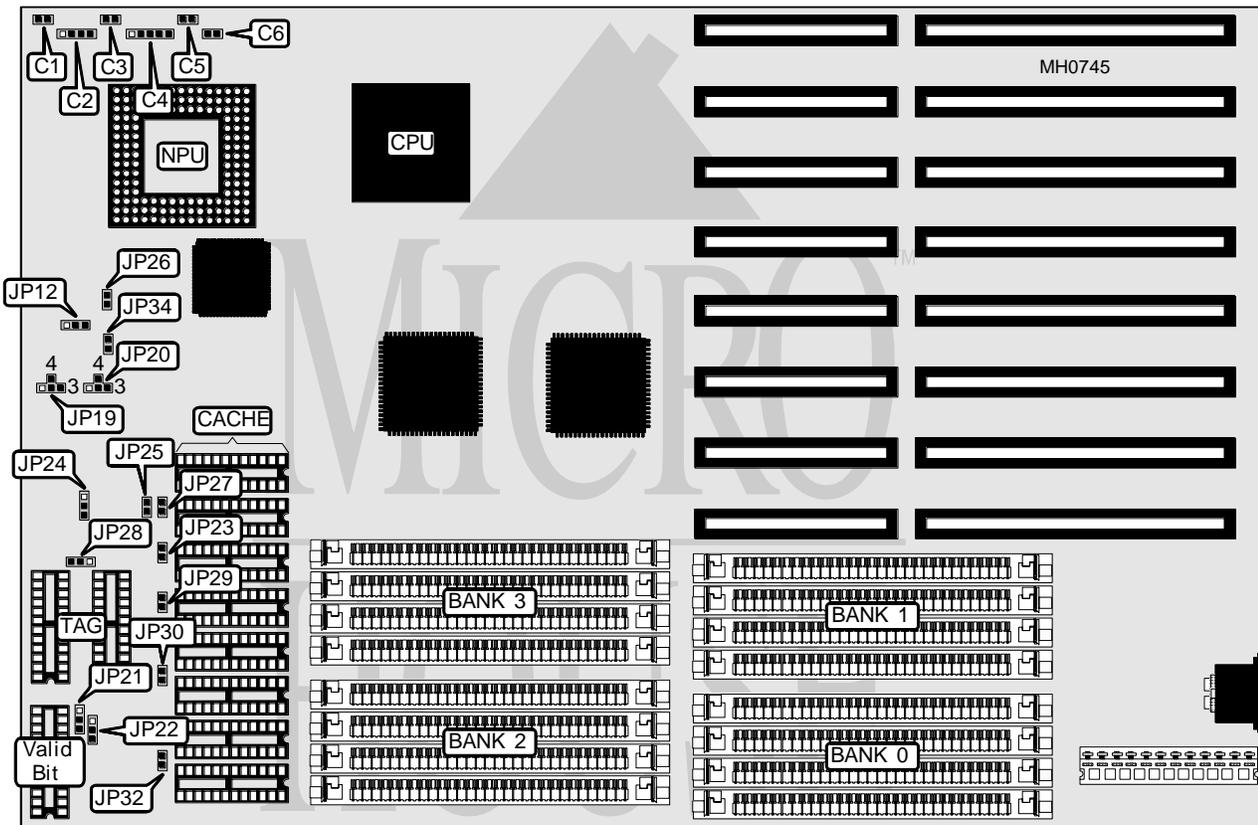


EMPAC INTERNATIONAL ERI MAGNUM CACHE 386

Processor	80386DX
Processor Speed	40MHz
Chip Set	C & T/OPTI
Max. Onboard DRAM	64MB
Cache	64/256/1024KB
BIOS	AMI
Dimensions	330mm x 221mm
I/O Options	None
NPU Options	80387/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	C1	Power LED & keylock	C4
Speaker	C2	Turbo switch	C6
Turbo LED	C3		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	C5	Closed
Monitor type select monochrome	C5	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
3MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	NONE
4MB	(4) 256K x 9			
4MB	(4) 1M x 9	NONE	NONE	NONE
9MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	NONE
10MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
16MB	(4) 1M x 9			
16MB	(4) 4M x 9	NONE	NONE	NONE
18MB	(4) 256K x 9	(4) 256K x 9	(4) 4M x 9	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
34MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	(4) 256K x 9
40MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
64MB	(4) 4M x 9			

CACHE CONFIGURATION				
Size	Cacheable DRAM	Bank 0	TAG	Valid-Bit
64KB	4MB	(8) 64K x 1	(1) 64K x 1	NONE
64KB	8MB	(8) 64K x 1	(1) 64K x 1	(1) 16K x 1
256KB	32MB	(8) 64K x 4	(1) 64K x 4	NONE
256KB	64MB	(8) 64K x 4	(1) 64K x 4	(1) 64K x 1
1MB	64MB	(8) 256K x 4	(1) 256K x 4	NONE
1MB	64MB	(8) 256K x 4	(1) 256K x 4	(1) 256K x 1

CACHE JUMPER CONFIGURATION							
Size	JP12	JP19	JP20	JP21	JP22	JP23	JP24
64KB	1 & 2	1 & 2	1 & 2	Open	1 & 2	Open	1 & 2
64KB	1 & 2	1 & 2	1 & 2	Open	1 & 2	Open	1 & 2
256KB	2 & 3	2 & 4	2 & 4	1 & 2	2 & 3	Closed	2 & 3
256KB	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3	Closed	2 & 3
1MB	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	Open	1 & 2
1MB	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	Open	1 & 2

Note: Pins designated should be in the closed position.

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CACHE JUMPER CONFIGURATION (CON'T)								
Size	JP25	JP26	JP27	JP28	JP29	JP30	JP32	JP34
64KB	Open	Open	Closed	1 & 2	Closed	Closed	Closed	Open
64KB	Open	Closed	Closed	1 & 2	Closed	Closed	Closed	Closed
256KB	Closed	Open	Open	2 & 3	Open	Open	Open	Open
256KB	Closed	Closed	Open	2 & 3	Open	Open	Open	Closed
1MB	Closed	Open	Open	2 & 3	Open	Open	Open	Open
1MB	Closed	Closed	Open	2 & 3	Open	Open	Open	Closed

Note: Pins designated should be in the closed position.