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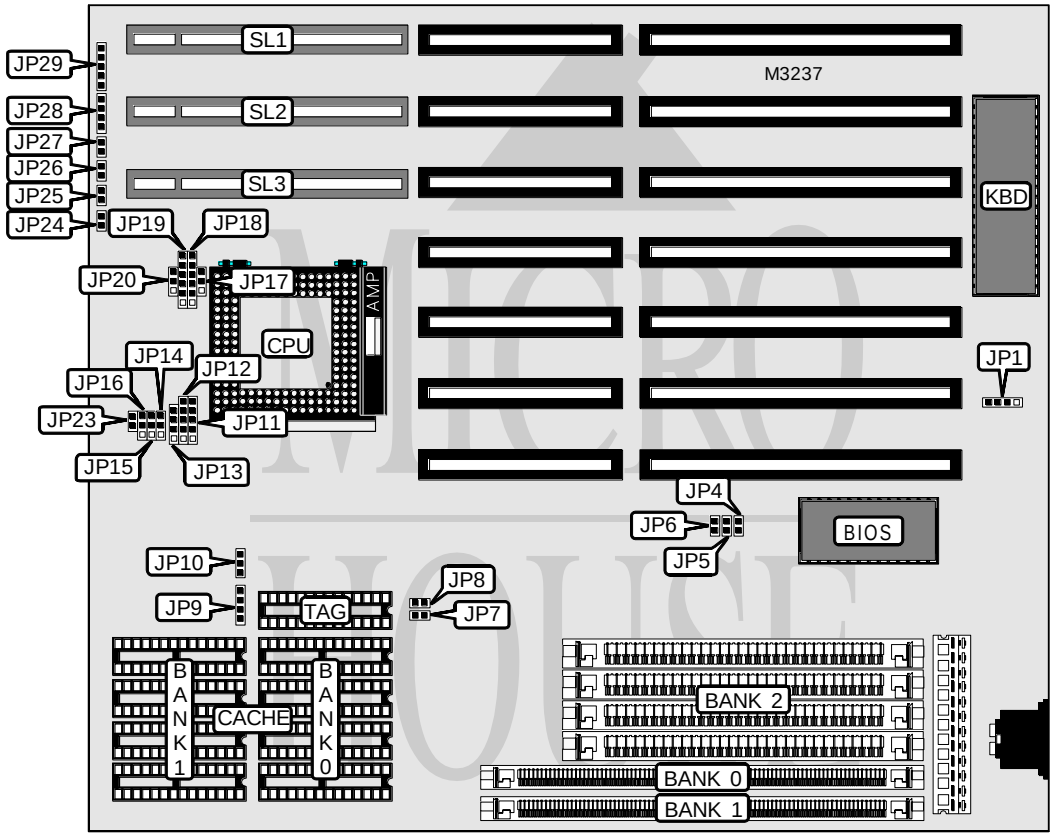
F 4 D X L - U C 4

Processor	UMCU5/80486SX/IBM486DX/CX486DX/AM486DX/80486DX/IBM486DX2/ CX486DX2/AM486DX2/80486DX2/IBM486DX4/CX486DX4/AM486DX4/ 80486DX4/P24T
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	144MB
Cache	64/128/256KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	D1	Turbo switch	JP27
External battery	JP1	Speaker	JP28
Green PC LED	JP24	Power LED & keylock	JP29
Green PC connector	JP25	32-bit VESA local bus slots	SL1 - SL3
Reset switch	JP26		
Note: The location of D1 is unidentified.			

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP1	Pins 2 & 3 closed
CMOS memory clear	JP1	Pins 3 & 4 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	None	None	(4) 256K x 9
4MB	None	None	(4) 1M x 9
4MB	(1) 1M x 36	None	None
5MB	(1) 1M x 36	None	(4) 256K x 9
8MB	(1) 1M x 36	None	(4) 1M x 9
8MB	(1) 1M x 36	(1) 1M x 36	None
8MB	(1) 2M x 36	None	None
9MB	(1) 1M x 36	(1) 1M x 36	(4) 256K x 9
12MB	(1) 1M x 36	(1) 1M x 36	(4) 1M x 9
16MB	None	None	(4) 4M x 9
16MB	(1) 2M x 36	(1) 2M x 36	None
16MB	(1) 4M x 36	None	None
20MB	(1) 1M x 36	None	(4) 4M x 9
24MB	(1) 2M x 36	None	(4) 4M x 9
32MB	(1) 2M x 36	(1) 2M x 36	(4) 4M x 9
32MB	(1) 4M x 36	None	(4) 4M x 9
32MB	(1) 8M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(4) 4M x 9
64MB	(1) 8M x 36	(1) 8M x 36	None
64MB	(1) 16M x 36	None	None
128MB	(1) 16M x 36	(1) 16M x 36	None
144MB	(1) 16M x 36	(1) 16M x 36	(4) 4M x 9

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
256KB (B)	(4) 64K x 8	None	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP7	JP8	JP9	JP10
64KB	Open	Open	Open	Pins 2 & 3 closed
128KB	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (A)	Closed	Closed	Pins 2 & 3 closed	Pins 2 & 3 closed
256KB (B)	Closed	Closed	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed

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CPU TYPE CONFIGURATION				
Type	JP11	JP12	JP13	JP17
UMC U5	2 & 3	2 & 3	2 & 3	3 & 4
80486SX	Open	2 & 3	2 & 3	Open
IBM486DX	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	2 & 3	Open
CX486DX	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	2 & 3	Open
AM486DX	Open	2 & 3	1 & 2, 3 & 4	1 & 2
80486DX	Open	2 & 3	1 & 2, 3 & 4	1 & 2
IBM486DX2	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2
CX486DX2	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2
AM486DX2	Open	2 & 3	1 & 2, 3 & 4	1 & 2
AM486DX2-80	2 & 3	2 & 3	1 & 2, 3 & 4	1 & 2, 3 & 4
80486DX2	Open	2 & 3	1 & 2, 3 & 4	1 & 2
80486DX2-66 (OD)	1 & 2, 4 & 5	1 & 2, 4 & 5	1 & 2, 3 & 4	1 & 2
IBM486DX4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2
CX486DX4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2
AM486DX4	2 & 3	2 & 3	1 & 2, 3 & 4	1 & 2, 3 & 4
80486DX4	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
P24T	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
Note: Pins designated should be in the closed position. If AM486DX2-80 CPU is used, jumper JP12 pin 4 & JP20 pin 3 also.				

CPU TYPE CONFIGURATION (CON'T)			
Type	JP18	JP19	JP20
UMC U5	1 & 2	Open	Open
80486SX	Open	Open	Open
IBM486DX	2 & 3, 4 & 5	2 & 3, 4 & 5	Open
CX486DX	2 & 3, 4 & 5	2 & 3, 4 & 5	Open
AM486DX	Open	Open	Open
80486DX	Open	Open	Open
IBM486DX2	2 & 3, 4 & 5	2 & 3	Open
CX486DX2	2 & 3, 4 & 5	2 & 3	Open
AM486DX2	Open	Open	Open
AM486DX2-80	1 & 2	Open	1 & 2
80486DX2	Open	Open	Open
80486DX2-66 (OD)	3 & 4, 5 & 6	1 & 2, 3 & 4	Open
IBM486DX4	2 & 3, 4 & 5	2 & 3	Open
CX486DX4	2 & 3, 4 & 5	2 & 3	Open
AM486DX4	1 & 2	Open	Open
80486DX4	5 & 6	1 & 2, 3 & 4	Open
P24T	5 & 6	1 & 2, 3 & 4	Open
Note: Pins designated should be in the closed position. If AM486DX2-80 CPU is used, jumper JP12 pin 4 & JP20 pin 3 also.			

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CPU SPEED CONFIGURATION			
Speed	JP4	JP5	JP6
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
80iMHz	Open	Closed	Closed
100iMHz	Closed	Closed	Closed

CPU VOLTAGE CONFIGURATION				
Voltage	JP14	JP15	JP16	JP23
í 3.3v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed
4v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
5v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open