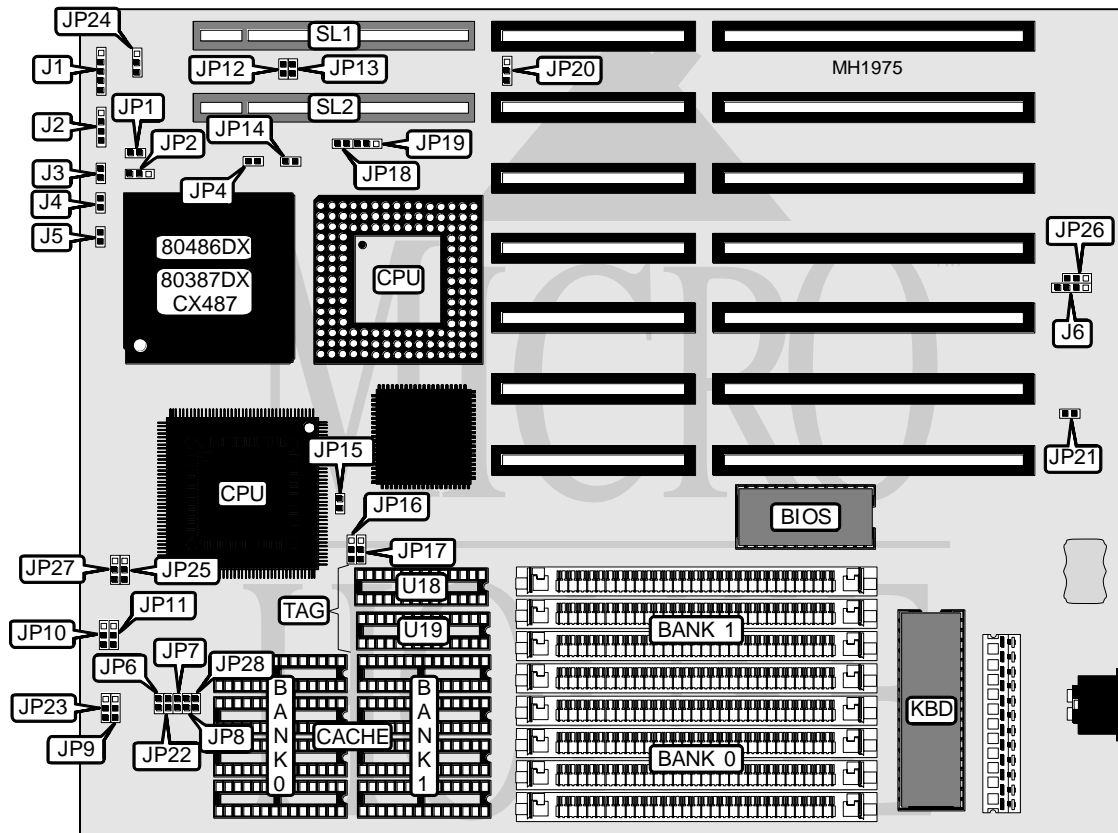


DATAEXPERT CORPORATION

EXP3406

Processor	80386DX/CX486DLC/80486SX/AMD80486DX/80486DX/80486DX2
Processor Speed	25/33/40/50(internal)50/66(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	64MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	230mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	CX487SLC/80387DX/CX487DLC



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J1	Turbo LED	J5
Speaker	J2	External battery	J6
Turbo switch	J3	32-bit VESA Local bus slot	SL1
Reset switch	J4	32-bit VESA Local bus slot	SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	Open
í 87DLC PQFP enabled	JP4	Open
87DLC PQFP disabled	JP4	Closed
í Factory configured - do not alter	JP12	Open
í Factory configured - do not alter	JP13	Open
í Monitor type select color	JP21	Open
Monitor type select monochrome	JP21	Closed
í Factory configured - do not alter	JP23	Unidentified
í Battery type select - lithium discharge	JP26	pins 1 & 2 closed
Battery type select - NI-CAD recharge	JP26	pins 2 & 3 closed
í New version 80486 DX50MHz	JP28	Closed
Old version 80486 DX50MHz	JP28	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	U18 (Tag)	U19 (Tag)
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	NONE
128KB	(4) 32K x 8	NONE	(1) 8K x 8	NONE
256KB	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	NONE

CACHE JUMPER CONFIGURATION				
Size	JP10	JP11	JP16	JP17
64KB	pins 2 & 3 closed	pins 2 & 3 closed	Open	Open
128KB	pins 1 & 2 closed	pins 1 & 2 closed	Closed	Open
256KB	pins 2 & 3 closed	pins 2 & 3 closed	Closed	Closed

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CPU TYPE CONFIGURATION					
Type	JP14	JP15	JP20	JP25	JP27
80386DX(PQFP)	Open	Open	2 & 3	1 & 2	1 & 2
80386DX(PGA)	Open	Closed	2 & 3	1 & 2	1 & 2
CX486DLC(PGA)	Open	Closed	2 & 3	1 & 2	1 & 2
80486(PQFP)	Closed	Open	1 & 2	2 & 3	2 & 3
80486(PGA)	Closed	Closed	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (INTEL 80486 CPU)			
Type	JP2	JP18	JP19
80486SX(PQFP)	Open	Closed	pins 2 & 3 closed
80486SX(PGA)	Open	Open	pins 2 & 3 closed
80487SX	pins 2 & 3 closed	Closed	pins 1 & 2 closed
80486DX/DX2	pins 1 & 2 closed	Closed	pins 1 & 2 closed
Overdrive	pins 2 & 3 closed	Closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION (INTEL 80386 & CX486DLC CPU)					
CPU speed	JP6	JP7	JP8	JP9	JP22
33MHz	Closed	Closed	Open	2 & 3	Open
40MHz	Closed	Closed	Closed	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION (INTEL 80486 CPU)					
CPU speed	JP6	JP7	JP8	JP9	JP22
25MHz	Open	Open	Open	1 & 2	Closed
33MHz	Open	Open	Closed	1 & 2	Open
40MHz	Open	Closed	Closed	1 & 2	Open
50iMHz	Open	Open	Open	1 & 2	Closed
50MHz	Open	Closed	Open	1 & 2	Open
66iMHz	Open	Open	Closed	1 & 2	Open

Note: Pins designated should be in the closed position.

VESA CONFIGURATION	
Type	JP24
Standard VESA VGA card in slot SL1	pins 2 & 3 closed
Other VESA card	pins 1 & 2 closed

Note: Other VESA card includes Western Digital VGA31 running at 50mhz, Tekram VESA cache IDE, or other special VESA card.