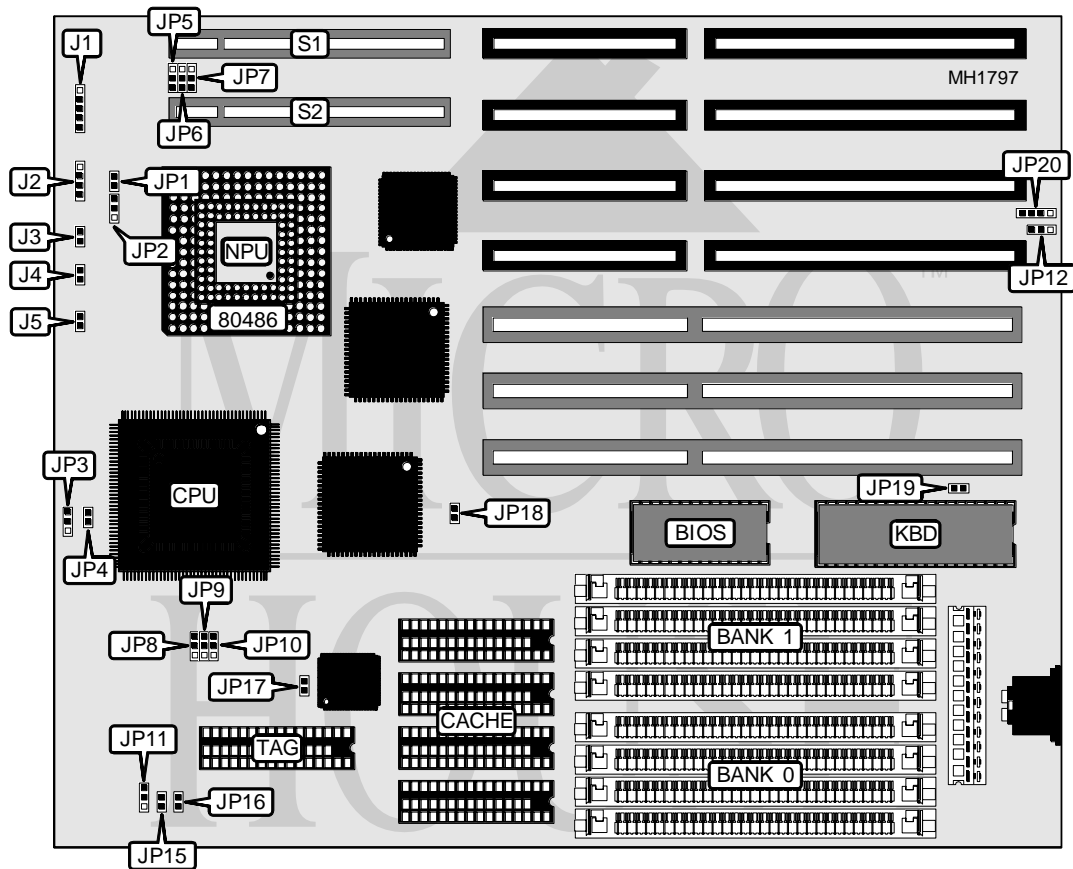# DATAEXPERT CORPORATION
H I N T - 3 / 4 8 6 W B

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

CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J1	Reset switch	J5
Speaker	J2	External battery	JP20
Turbo LED	J3	32-bit VESA Local bus slot	S1
Turbo switch	J4	32-bit VESA Local bus slot	S2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP5	Open
í Factory configured - do not alter	JP6	Open
í Factory configured - do not alter	JP7	Open
í Standard VESA	JP9	pins 2 & 3 closed
VESA other type (WD31 or Tekram)	JP9	pins 1 & 2 closed
í Battery type select - Lithium discharge	JP12	pins 1 & 2 closed
Battery type select - NI-CD recharge	JP12	pins 2 & 3 closed
80387DX (PQFP) installed	JP17	Open
80387DX (PGA) installed	JP17	Closed
í Monitor type select color	JP19	Closed
Monitor type select monochrome	JP19	Open
í CMOS memory normal operation	JP20	pins 2 & 3 closed
CMOS memory clear	JP20	pins 3 & 4 closed

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
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
128MB	(4) 16M x 9	(4) 16M x 9

CACHE CONFIGURATION			
Size	Cache	TAG	JP11
128KB	(4) 32K x 8	(1) 8K x 4	Open
256KB	(4) 64K x 8	(1) 32K x 4	pins 1 & 2 closed
256KB	(4) 64K x 8	(1) 16K x 4	pins 2 & 3 closed

80386/80486 CONFIGURATION		
Type	JP1	JP18
80386 (PQFP)	Open	N/A
80486 (PQFP)	Open	Open
80486 (PGA)	Closed	Open

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CPU TYPE CONFIGURATION			
Type	JP2	JP3	JP4
80486SX (PGA)	Open	pins 2 & 3 closed	Open
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	Closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	Closed
Pentium Overdrive	pins 2 & 3 closed	pins 1 & 2 closed	Closed

CPU SPEED CONFIGURATION				
Speed	JP8	JP10	JP15	JP16
80386DX/33MHz	pins 1 & 2 closed	pins 2 & 3 closed	Open	Closed
80386DX/40MHz	pins 1 & 2 closed	pins 1 & 2 closed	Open	Open
80486SX/25MHz	pins 1 & 2 closed	pins 1 & 2 closed	Closed	Open
80486SX/33MHz	pins 1 & 2 closed	pins 1 & 2 closed	Open	Closed
80486DX/25MHz	pins 1 & 2 closed	pins 1 & 2 closed	Closed	Open
80486DX/33MHz	pins 1 & 2 closed	pins 1 & 2 closed	Open	Closed
80486DX/40MHz	pins 1 & 2 closed	pins 1 & 2 closed	Open	Open
80486DX/50i MHz	pins 1 & 2 closed	pins 1 & 2 closed	Closed	Open
80486DX/50MHz	pins 2 & 3 closed	pins 2 & 3 closed	Closed	Open
80486DX/66i MHz	pins 1 & 2 closed	pins 1 & 2 closed	Open	Closed