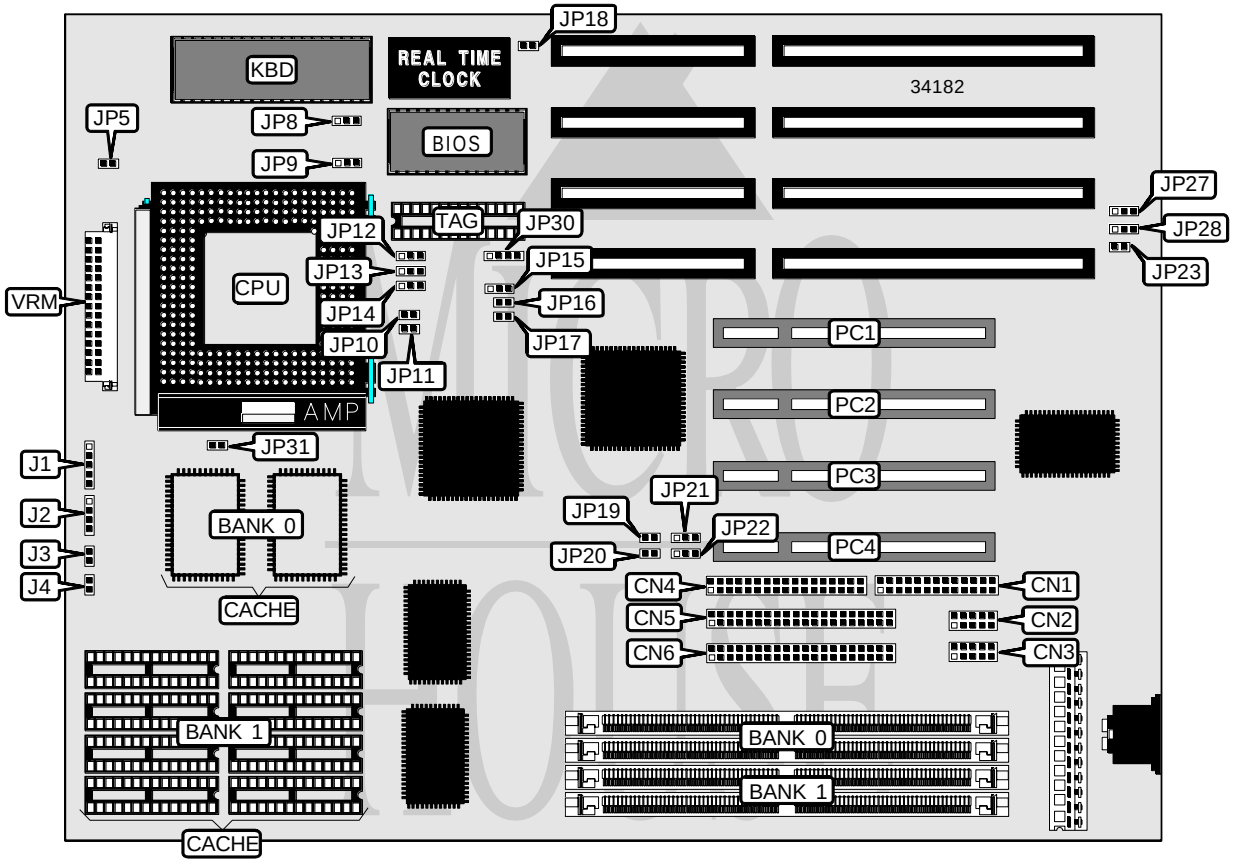
DATAEXPERT CORPORATION
E X P 8 8 5 1

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI
Dimensions	290mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), VRM connector
NPU Options	None



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DATAEXPERT CORPORATION
E X P 8 8 5 1

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Parallel port	CN1	Reset switch	J3
Serial port 2	CN2	Turbo LED	J4
Serial port 1	CN3	Green PC connector	JP19
Floppy drive interface	CN4	IDE interface LED	JP20
IDE interface 2	CN5	Chassis fan power	JP30
IDE interface 1	CN6	32-bit PCI slots	PC1 – PC4
Power LED & keylock	J1	VRM connector	VRM
Speaker	J2		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Cache type select write back	JP10	Open
Cache type select write through	JP10	Closed
í Pipeline mode enabled	JP11	Closed
Pipeline mode disabled	JP11	Open
í CMOS memory normal operation	JP18	Open
CMOS memory clear	JP18	Closed
í Parallel port mode select standard port	JP23	Closed
Parallel port mode select EPP mode	JP23	Open

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
2MB	(2) 256K x 36	None
4MB	(2) 512K x 36	None
6MB	(2) 512K x 36	(2) 256K x 36
8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
12MB	(2) 1M x 36	(2) 512K x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
20MB	(2) 2M x 36	(2) 512K x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
68MB	(2) 8M x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**TAG**
256KB (A)	None	(8) 32K x 8	(1) 8K/16K/32K x 8
256KB (B)	(2) 32K x 32	None	None
512KB	None	(8) 64K x 8	(1) 16K/32K x 8

CACHE JUMPER CONFIGURATION			
Size	**JP12**	**JP13**	**JP14**
256KB (A)	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP15**	**JP16**	**JP17**	**JP31**
120MHz	50MHz	2x	Closed	1 & 2	Open	Open	Open
150MHz	60MHz	2x	Closed	2 & 3	Open	Closed	Open
166MHz	66MHz	2x	Closed	2 & 3	Closed	Closed	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AMD)							
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP15**	**JP16**	**JP17**	**JP31**
75MHz	50MHz	1.5x	Open	1 & 2	Open	Open	Open
90MHz	60MHz	1.5x	Open	2 & 3	Open	Closed	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP15**	**JP16**	**JP17**	**JP31**
75MHz	50MHz	1.5x	Open	1 & 2	Open	Open	Open
90MHz	60MHz	1.5x	Open	2 & 3	Open	Closed	Open
100MHz	66MHz	1.5x	Open	2 & 3	Closed	Closed	Open
120MHz	60MHz	2x	Closed	2 & 3	Open	Closed	Open
133MHz	66MHz	2x	Closed	2 & 3	Closed	Closed	Open
150MHz	60MHz	2.5x	Closed	2 & 3	Open	Closed	Closed
166MHz	66MHz	2.5x	Closed	2 & 3	Closed	Closed	Closed
200MHz	66MHz	3x	Open	2 & 3	Closed	Closed	Closed
Note: Pins designated should be in the closed position.							

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DMA CHANNEL SELECTION		
Channel	**JP27**	**JP28**
1	Pins 2 & 3 closed	Pins 2 & 3 closed
3	Pins 1 & 2 closed	Pins 1 & 2 closed

IDE FEATURE FUNCTION SELECTION		
Setting	**JP21**	**JP22**
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed
Enabled	Pins 1 & 2 closed	Pins 1 & 2 closed

BIOS SELECTION		
Setting	**JP8**	**JP9**
í 5v	Pins 2 & 3 closed	Pins 1 & 2 closed
12v	Pins 2 & 3 closed	Pins 2 & 3 closed
EPROM	Pins 1 & 2 closed	Pins 1 & 2 closed