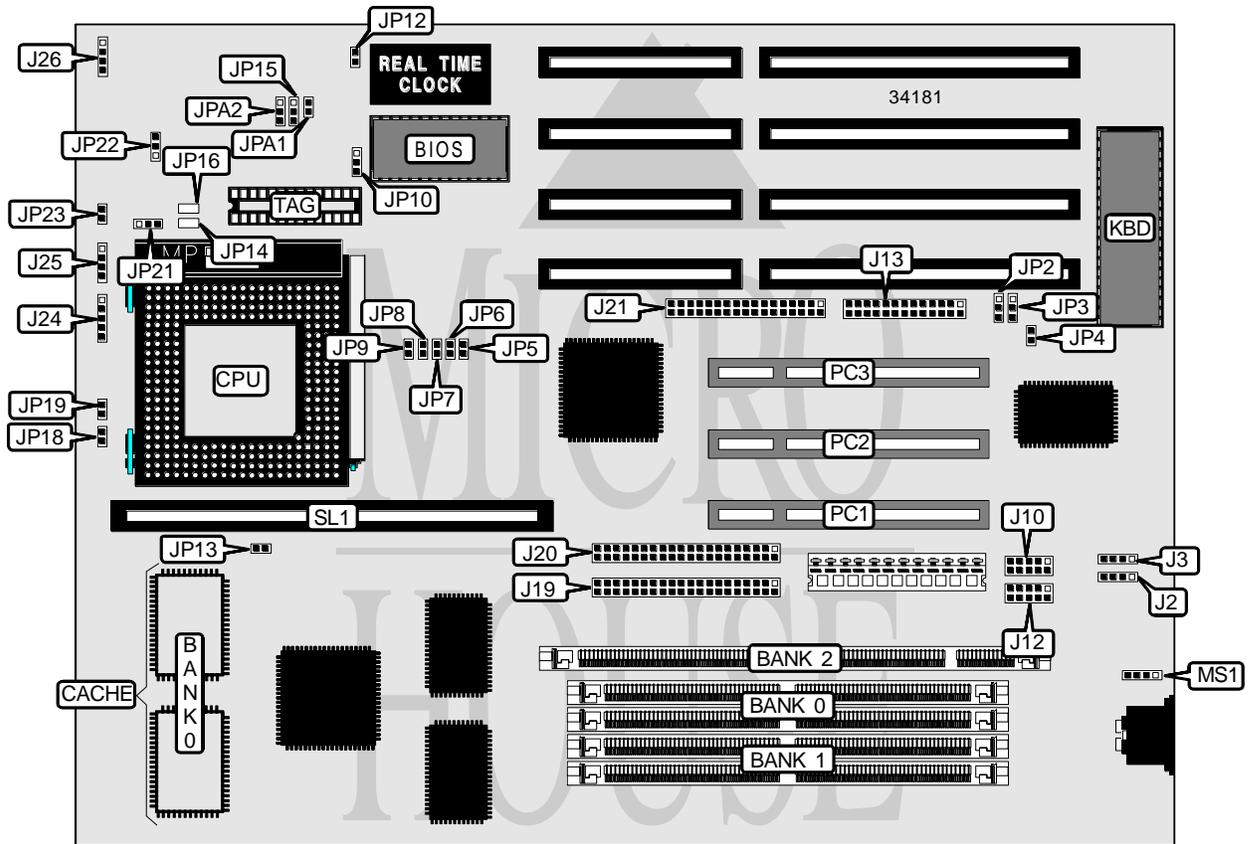


DATAEXPERT CORPORATION

EXP 8661

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI/Award
Dimensions	280mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
USB connector	J2	Power LED & keylock	J24
USB connector	J3	Speaker	J25
Serial port 1	J10	IDE interface LED	J26
Serial port 2	J12	Green PC connector	JP9
Parallel port	J13	Reset switch	JP23
IDE interface 2	J19	PS/2 mouse interface	MS1
IDE interface 1	J20	32-bit PCI slots	PC1 – PC3
Floppy drive interface	J21	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Flash BIOS voltage select 5v	JP10	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP10	Pins 1 & 2 closed
í CMOS memory normal operation	JP12	Open
CMOS memory clear	JP12	Closed
í Factory configured - do not alter	JP14	Unidentified
í Factory configured - do not alter	JP16	Unidentified

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

DIMM CONFIGURATION	
Size	Bank 2
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB	(2) 32K x 32	Not installed	(1) 8K/16K/32K x 8
512KB	(2) 32K x 32	256KB module installed	(1) 16K/32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP13	JP15	JP21
None	Open	Open	Pins 1 & 2 closed
256KB	Open	Open	Pins 2 & 3 closed
512KB	Closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU SPEED SELECTION (CYRIX)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP18	JP19
120MHz	50MHz	2x	Closed	Closed	Open	Open	Open	Closed
133MHz	55MHz	2x	Closed	Open	Open	N/A	Open	Closed
150MHz	60MHz	2x	Open	Closed	Open	Closed	Open	Closed
166MHz	66MHz	2x	Open	Open	Open	Closed	Open	Closed

CPU SPEED SELECTION (AMD)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP18	JP19
75MHz	50MHz	1.5x	Closed	Closed	Open	Open	Open	Open
90MHz	60MHz	1.5x	Open	Closed	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Closed	Open	Open

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CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP18	JP19
75MHz	50MHz	1.5x	Closed	Closed	Open	Open	Open	Open
90MHz	60MHz	1.5x	Open	Closed	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Closed	Open	Open
120MHz	60MHz	2x	Open	Closed	Open	Closed	Open	Closed
133MHz	66MHz	2x	Open	Open	Open	Closed	Open	Closed
150MHz	60MHz	2.5x	Open	Closed	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Closed
200MHz	66MHz	3x	Open	Open	Open	Closed	Closed	Open

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP22
í Normal CPU	Open
3.3v	Pins 1 & 2 closed
3.45v	Pins 2 & 3 closed

CPU VOLTAGE SELECTION (DUAL)				
Voltage	V core	JPA1	JPA2	JP22
3.3v	2.9v	Closed	Open	Pins 1 & 2 closed
3.3v	3.3v	Open	Pins 2 & 3 closed	Pins 1 & 2 closed
3.3v	3.45v – 3.6v	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
3.45v	2.9v	Closed	Open	Pins 2 & 3 closed
3.45v	3.3v	Open	Pins 2 & 3 closed	Pins 2 & 3 closed
3.45v	3.45v – 3.6v	Open	Pins 1 & 2 closed	Pins 2 & 3 closed

DMA CHANNEL SELECTION		
Channel	JP2	JP3
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT MODE SELECTION	
Setting	JP4
í Standard	Closed
EPP	Open