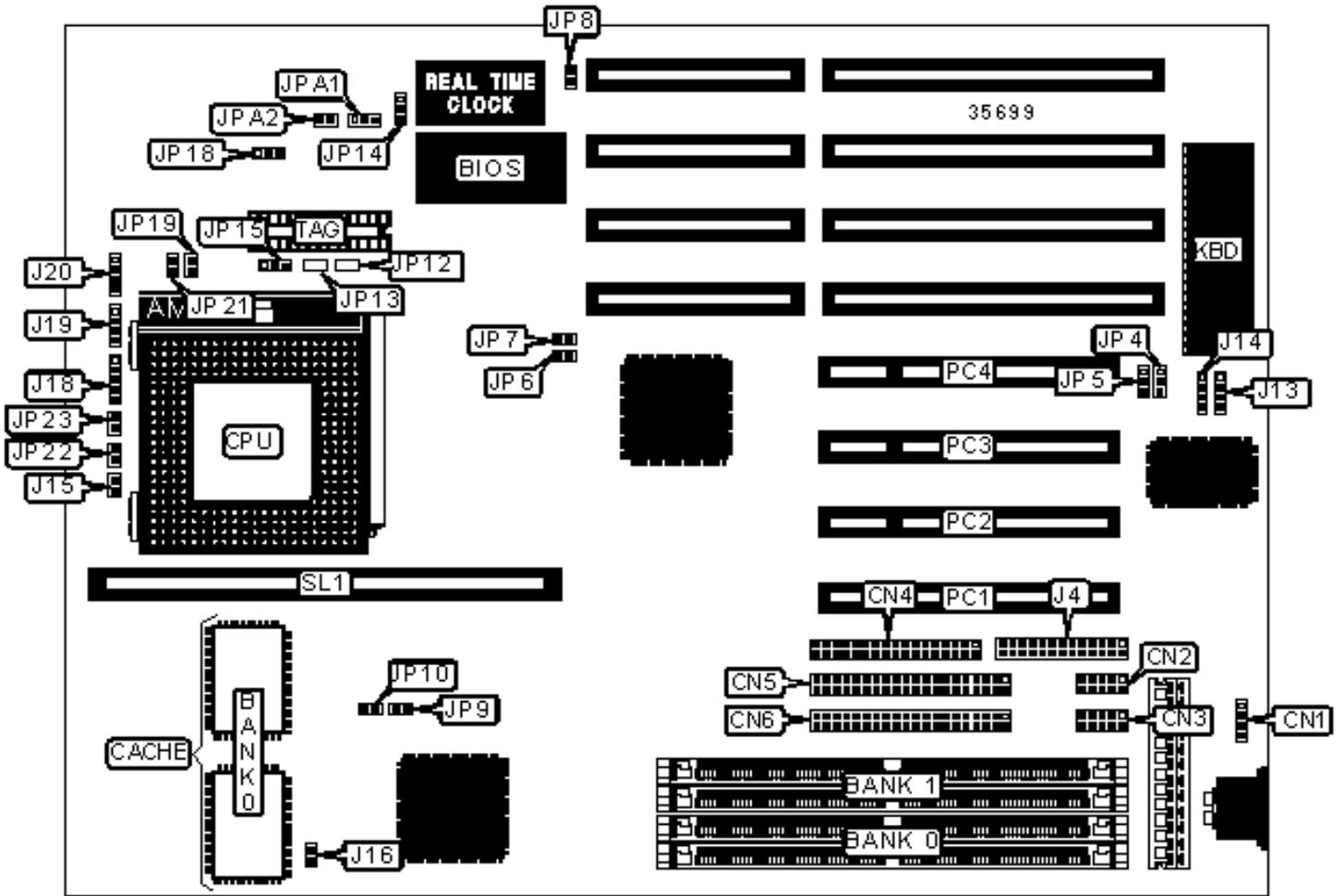


# DATAEXPERT CORPORATION

## EXP8561

### Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse interface	CN1	USB connector 2	J14
Serial port 2	CN2	Reset switch	J15
Serial port 1	CN3	Power LED & keylock	J18
Floppy drive interface	CN4	Speaker	J19
IDE interface 2	CN5	IDE interface LED	J20
IDE interface 1	CN6	Green PC connector	JP6
Parallel port	J4	32-bit PCI slots	PC1 – PC4
USB connector 1	J13	Cache slot	SL1

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» AT bus CLK select PCICLK/4	JP7	Closed
AT bus CLK select PCICLK/3	JP7	Open
» CMOS memory normal operation	JP8	Open
CMOS memory clear	JP8	Closed
» Factory configured - do not alter	JP12	Unidentified
» Factory configured - do not alter	JP13	Unidentified
» Flash BIOS voltage select 5v	JP14	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP14	Pins 2 & 3 closed

## SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None

16MB	(2) 1M x 36	(2) 1M 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
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
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	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	J16	JP15	JP19	JP21
256KB	Open	Open	Closed	Open
512KB	Closed	Pins 2 & 3 closed	Open	Closed

### CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP22	JP23
120MHz	50MHz	2x	Closed	Closed	Closed	Open

133MHz	55MHz	2x	Open	Open	Closed	Open
150MHz	60MHz	2x	Closed	Open	Closed	Open
166MHz	66MHz	2x	Open	Closed	Closed	Open

### CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP22	JP23
75MHz	50MHz	1.5x	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open

### CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP22	JP23
75MHz	50MHz	1.5x	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open
120MHz	60MHz	2x	Closed	Open	Closed	Open
133MHz	66MHz	2x	Open	Closed	Closed	Open
150MHz	60MHz	2.5x	Closed	Open	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
200MHz	66MHz	3x	Open	Closed	Open	Closed

### CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP22	JP23
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
200MHz	66MHz	3x	Open	Closed	Open	Closed

### CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP18
Single	Open

### CPU VOLTAGE SELECTION (DUAL)

Voltage	V core	JP18	JPA1	JPA2
3.3v	2.9v	Pins 2 & 3 closed	Open	Closed
3.3v	3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
3.3v	3.45 – 3.6v	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
3.45v	2.9v	Pins 1 & 2 closed	Open	Closed
3.45v	3.3v	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
3.45v	3.45 – 3.6v	Pins 1 & 2 closed	Pins 1 & 2 closed	Open

### DMA CHANNEL SELECTION

Channel	JP4	JP5
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed