DATAEXPERT CORPORATION

EXP8J61

Configuration
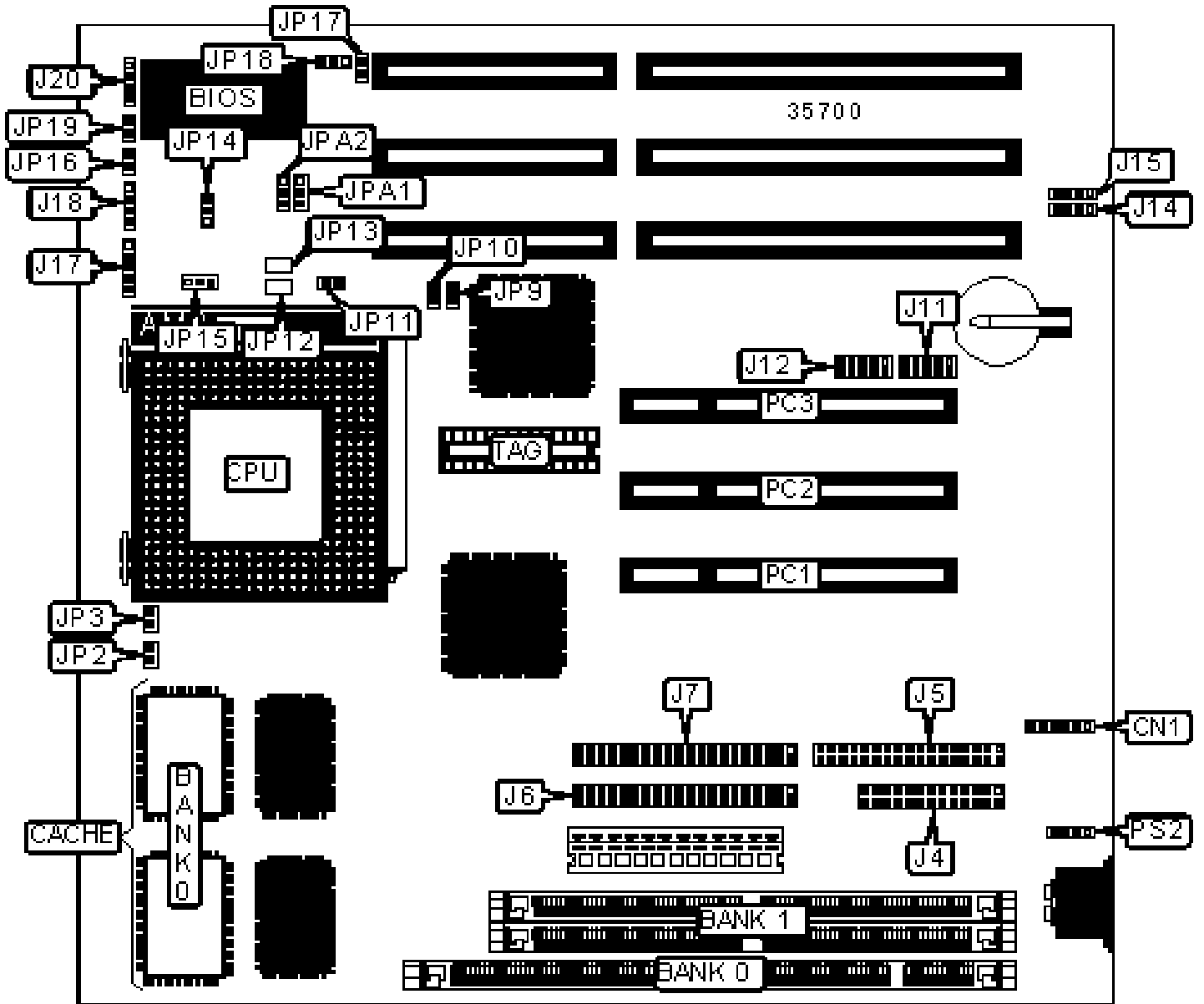
CONNECTIONS

Purpose	Location	Purpose	Location
IR connector	CN1	Power LED & keylock	J17
Parallel port	J4	Speaker	J18
Floppy drive interface	J5	IDE interface LED	J20
IDE interface 2	J6	Green PC connector	JP11
IDE interface 1	J7	Reset switch	JP16
Serial port 2	J11	Turbo LED	JP19
Serial port 1	J12	32-bit PCI slots	PC1 – PC3
USB connector 1	J14	PS/2 mouse interface	PS2
USB connector 2	J15		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	JP12	Unidentified
»	Factory configured - do not alter	JP13	Unidentified
»	Factory configured - do not alter	JP15	Unidentified
»	AT bus CLK select PCICLK/4	JP17	Closed
	AT bus CLK select PCICLK/3	JP17	Open
»	Flash BIOS voltage select 5v	JP18	Pins 2 & 3 closed
	Flash BIOS voltage select 12v	JP18	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 1
8MB	(2) 1M x 36
16MB	(2) 2M x 36

32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36

DIMM CONFIGURATION

Size	Bank 0
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
128MB	(1) 16M x 64

CACHE CONFIGURATION

Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10
120MHz	50MHz	2x	Open	Closed	Closed	Closed
133MHz	55MHz	2x	Open	Closed	Closed	Open
150MHz	60MHz	2x	Open	Closed	Open	Closed
166MHz	66MHz	2x	Open	Closed	Open	Open

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10

CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10
75MHz	50MHz	1.5x	Open	Open	Closed	Closed
90MHz	60MHz	1.5x	Open	Open	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Open
120MHz	60MHz	1.5x	Open	Open	Open	Closed
133MHz	66MHz	1.5x	Open	Open	Open	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Open

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10
200MHz	66MHz	3x	Closed	Open	Open	Open

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10
75MHz	50MHz	1.5x	Open	Open	Closed	Closed
90MHz	60MHz	1.5x	Open	Open	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Open
120MHz	60MHz	2x	Open	Closed	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Open	Closed
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Open	Open	Open

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP9	JP10
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Open	Open	Open

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP14
Single	Open

CPU VOLTAGE SELECTION (DUAL)				
Voltage	V core	JP14	JPA1	JPA2
3.3v	2.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
3.3v	2.9v	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
3.3v	3.3v	Pins 1 & 2 closed	Open	Pins 1 & 2 closed
3.3v	3.45 – 3.6v	Pins 1 & 2 closed	Open	Pins 2 & 3 closed