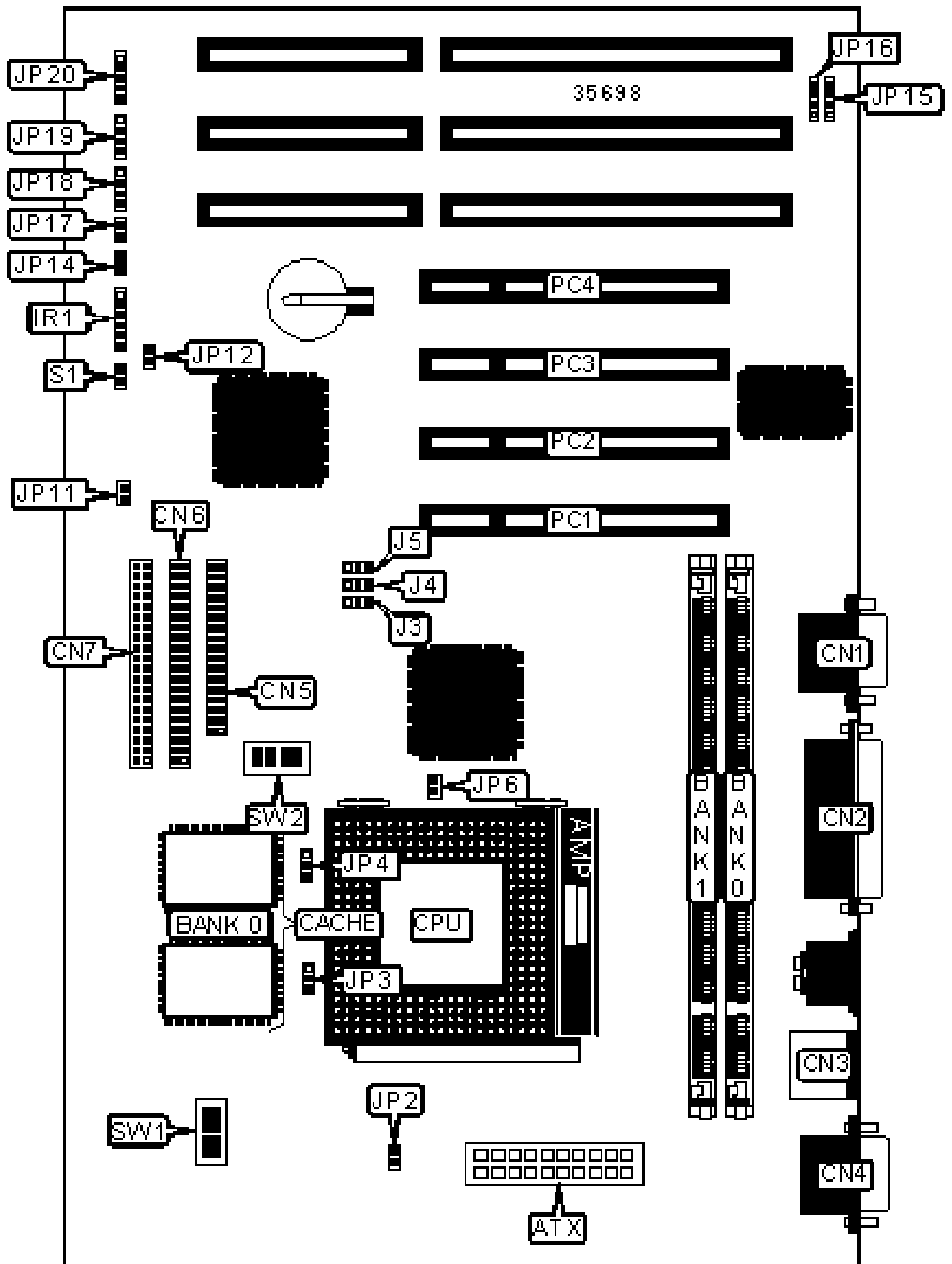


DATAEXPERT CORPORATION

ATX430

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Turbo LED	JP14
Serial port 2	CN1	USB connector 1	JP15
Parallel port	CN2	USB connector 2	JP16
PS/2 mouse port	CN3	Reset switch	JP17
Serial port 1	CN4	IDE interface LED	JP18
Floppy drive interface	CN5	Speaker	JP19
IDE interface 2	CN6	Power LED & keylock	JP20
IDE interface 1	CN7	32-bit PCI slots	PC1 – PC4
IR connector	IR1	Soft off power supply	S1

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J3	Unidentified
» Factory configured - do not alter	J4	Unidentified
» Flash BIOS write protect disabled	J5	Pins 2 & 3 closed
Flash BIOS write protect enabled	J5	Pins 1 & 2 closed
» Factory configured - do not alter	JP6	Unidentified
» Factory configured - do not alter	JP11	Unidentified
» CMOS memory normal operation	JP12	Closed
CMOS memory clear	JP12	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None

16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64

CACHE CONFIGURATION

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

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP3	JP4	SW1/1	SW1/2	SW1/3	SW1/4
133MHz	55MHz	2x	1 & 2	1 & 2	On	Off	Off	Off
150MHz	60MHz	2x	1 & 2	1 & 2	On	Off	Off	Off
166MHz	66MHz	2x	1 & 2	1 & 2	On	Off	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
133MHz	55MHz	2x	Off	Off	Off	On
150MHz	60MHz	2x	Off	On	Off	On
166MHz	66MHz	2x	On	On	Off	On

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP3	JP4	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	1 & 2	1 & 2	On	Off	Off	Off
100MHz	66MHz	1.5x	1 & 2	1 & 2	On	Off	Off	Off
120MHz	60MHz	2x	1 & 2	1 & 2	On	Off	Off	Off
133MHz	66MHz	2x	1 & 2	1 & 2	On	Off	Off	Off
166MHz	66MHz	2.5x	1 & 2	1 & 2	On	Off	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
90MHz	60MHz	1.5x	Off	On	On	On
100MHz	66MHz	1.5x	On	On	On	On
120MHz	60MHz	2x	Off	On	Off	On
133MHz	66MHz	2x	On	On	On	On
166MHz	66MHz	2.5x	On	On	Off	Off

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP3	JP4	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	2 & 3	2 & 3	Off	Off	Off	On
200MHz	66MHz	3x	2 & 3	2 & 3	Off	Off	Off	On
233MHz	66MHz	3.5x	2 & 3	2 & 3	Off	On	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	On	On	Off
233MHz	66MHz	3.5x	On	On	On	On

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP3	JP4	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	1 & 2	1 & 2	Off	On	Off	Off
100MHz	66MHz	1.5x	1 & 2	1 & 2	Off	On	Off	Off
120MHz	60MHz	2x	1 & 2	1 & 2	Off	On	Off	Off
133MHz	66MHz	2x	1 & 2	1 & 2	Off	On	Off	Off
150MHz	60MHz	2.5x	1 & 2	1 & 2	Off	On	Off	Off
166MHz	66MHz	2.5x	1 & 2	1 & 2	Off	On	Off	Off
200MHz	66MHz	3x	1 & 2	1 & 2	Off	On	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
90MHz	60MHz	1.5x	Off	On	On	On
100MHz	66MHz	1.5x	On	On	On	On
120MHz	60MHz	2x	Off	On	Off	On
133MHz	66MHz	2x	On	On	Off	On
150MHz	60MHz	2.5x	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	On	On	Off

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP3	JP4	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	2 & 3	2 & 3	Off	Off	Off	On
200MHz	66MHz	3x	2 & 3	2 & 3	Off	Off	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX, CON'T)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	On	On	Off

CPU TYPE SELECTION

Type	JP2
All other CPU types	Open
AM K6-233MHz only	Closed