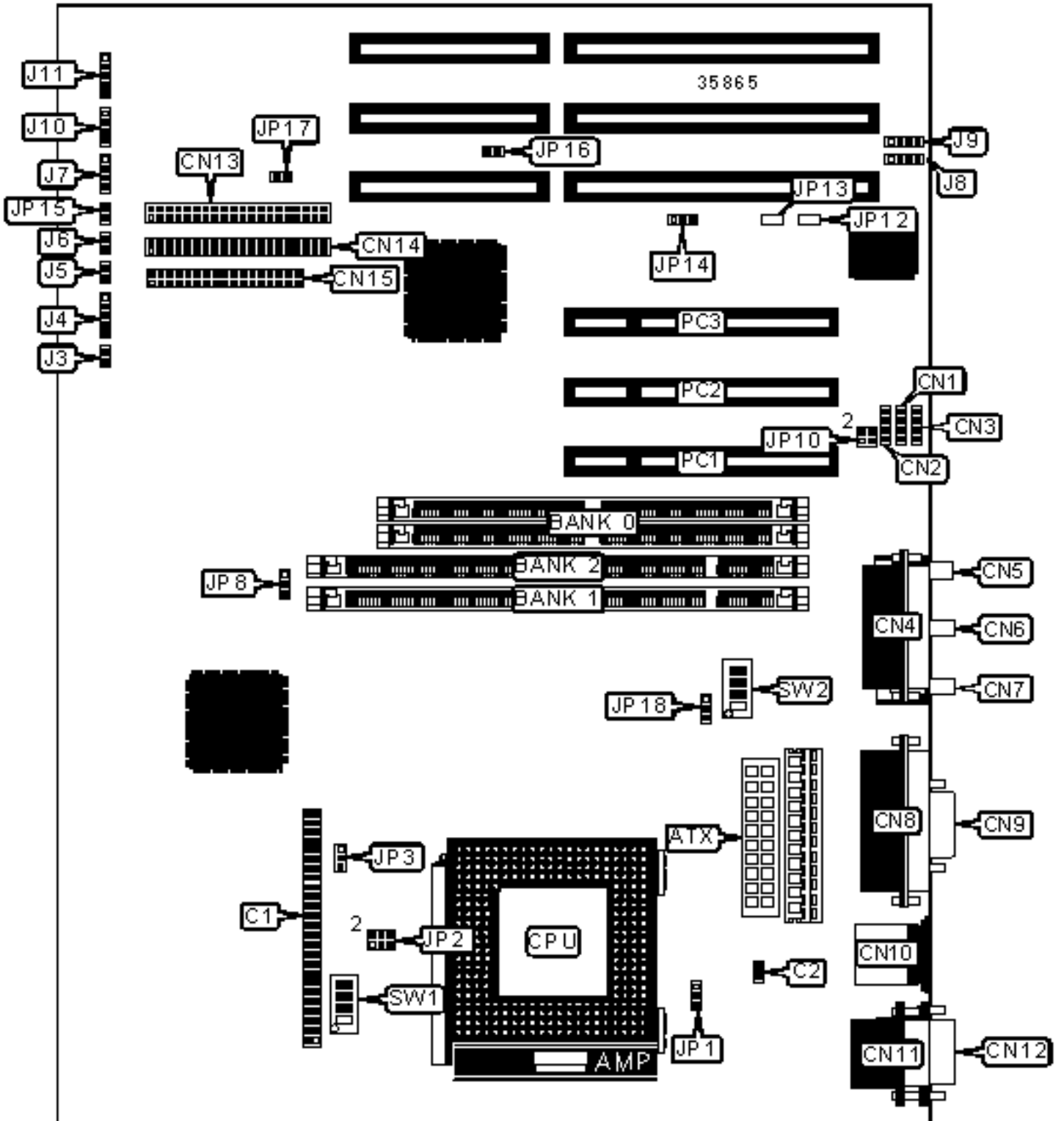


DATAEXPERT CORPORATION

AVX430, ARISTO 5000

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Floppy drive interface	CN15
Chassis fan power	C2	Soft off power supply	J3
Audio connector	CN1	IR connector	J4
Audio connector	CN2	Turbo LED	J5
Audio connector	CN3	Green PC connector	J6
Game/MIDI port	CN4	IDE interface LED	J7
Line out	CN5	USB connector 1	J8
Microphone in	CN6	USB connector 2	J9
Line in	CN7	Speaker	J10
Parallel port	CN8	Power LED & keylock	J11
VGA port	CN9	Mono in connector	JP10
PS/2 mouse port	CN10	Volume up	JP12
Serial port 2	CN11	Volume down	JP13
Serial port 1	CN12	Reset switch	JP15
IDE interface 2	CN13	32-bit PCI slots	PC1 – PC3
IDE interface 1	CN14		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	C1	Unidentified
»	Factory configured - do not alter	JP1	Unidentified
»	ATX power low active	JP8	Pins 1 & 2 closed
»	ATX power high active	JP8	Pins 2 & 3 closed
»	Flash BIOS voltage select 5v	JP14	Pins 2 & 3 closed

	Flash BIOS voltage select 12v	JP14	Pins 1 & 2 closed
»	AT bus clock select PCICLK/4	JP16	Closed
	AT bus clock select PCICLK/3	JP16	Open
»	CMOS memory normal operation	JP17	Open
	CMOS memory clear	JP17	Closed

SIMM CONFIGURATION

Size	Bank 0
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

Note: Board accepts EDO memory.

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) 8M x 64	None

64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP18	SW2/1	SW2/2	SW2/3	SW2/4
120MHz	50MHz	2x	2 & 3	On	Off	On	On
133MHz	55MHz	2x	1 & 2	On	Off	On	On
150MHz	60MHz	2x	2 & 3	On	Off	On	Off
166MHz	66MHz	2x	2 & 3	On	Off	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP18	SW2/1	SW2/2	SW2/3	SW2/4
75MHz	50MHz	1.5x	2 & 3	Off	Off	On	On
90MHz	60MHz	1.5x	2 & 3	Off	Off	On	Off
100MHz	66MHz	1.5x	2 & 3	Off	Off	Off	On

120MHz	60MHz	1.5x	2 & 3	Off	Off	On	Off
133MHz	66MHz	1.5x	2 & 3	Off	Off	Off	On
166MHz	66MHz	2.5x	2 & 3	On	On	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP18	SW2/1	SW2/2	SW2/3	SW2/4
75MHz	50MHz	1.5x	2 & 3	Off	Off	On	On
90MHz	60MHz	1.5x	2 & 3	Off	Off	On	Off
100MHz	66MHz	1.5x	2 & 3	Off	Off	Off	On
120MHz	60MHz	2x	2 & 3	On	Off	On	Off
133MHz	66MHz	2x	2 & 3	On	Off	Off	On
150MHz	60MHz	2.5x	2 & 3	On	On	On	Off
166MHz	66MHz	2.5x	2 & 3	On	On	Off	On
200MHz	66MHz	3x	2 & 3	Off	On	Off	On

CPU VOLTAGE SELECTION

Voltage	SW1/1	SW1/2	SW1/3	SW1/4
2.8v	Off	Off	Off	On
3.3v	Off	Off	On	On
3.45v – 3.6v	Off	On	On	On

CPU VOLTAGE SELECTION

Voltage	JP2	JP3
Single	Pins 3 & 4 closed	Open
Dual	Open	Pins 2 & 3 closed

