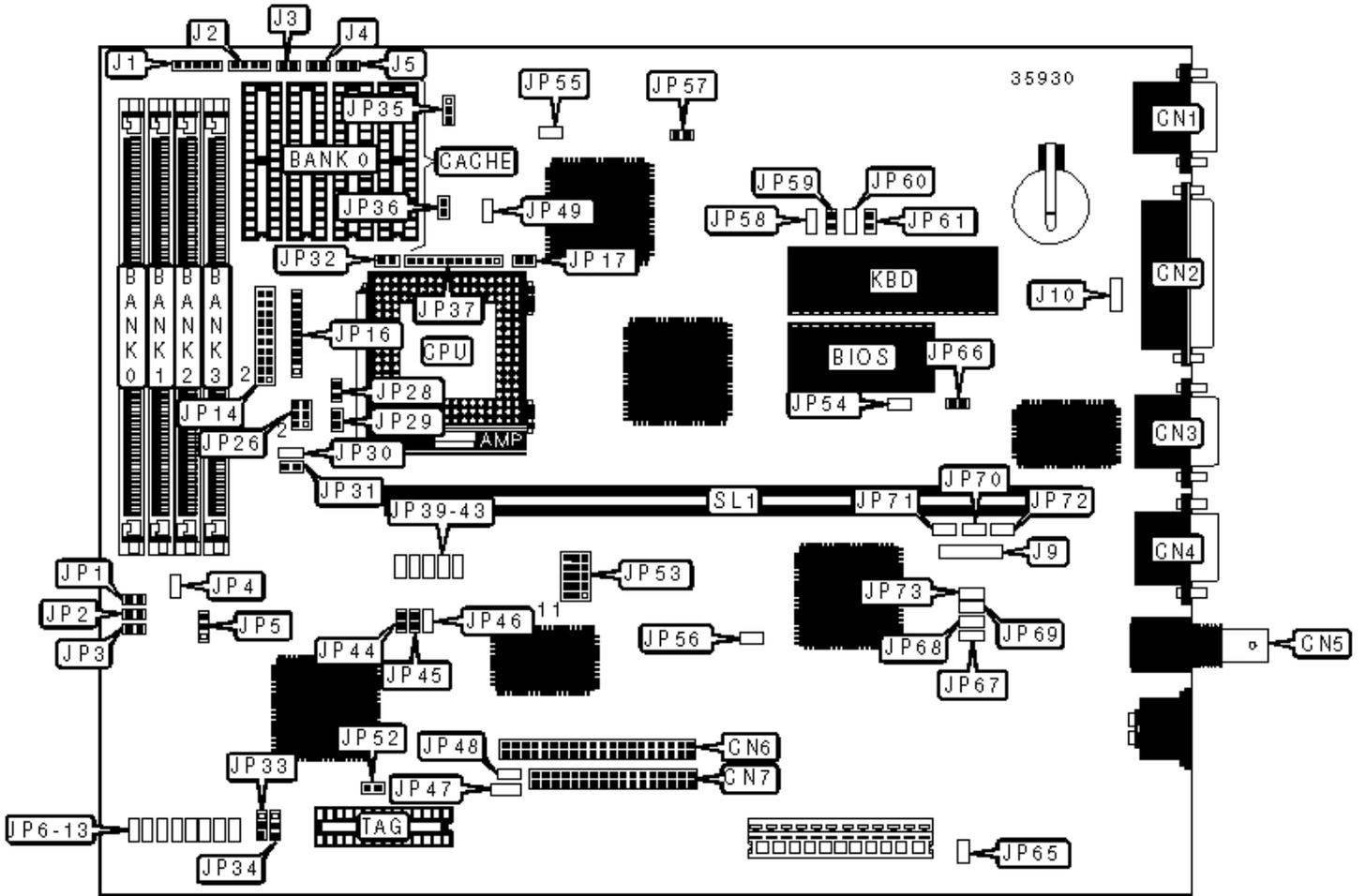


DATAEXPERT CORPORATION

AIO4045

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
VGA port	CN1	Power LED & keylock	J1
Parallel port	CN2	Speaker	J2
Serial port 1	CN3	Turbo switch	J3
Serial port 2	CN4	Turbo LED	J4
Ethernet 10Base5 connector	CN5	Reset switch	J5
IDE interface	CN6	Green PC connector	JP45
Floppy drive interface	CN7	Riser slot	SL1

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J9	Unidentified
» Factory configured - do not alter	J10	Unidentified
» Factory configured - do not alter	JP4	Unidentified
» Factory configured - do not alter	JP6	Unidentified
» Factory configured - do not alter	JP7	Unidentified
» Factory configured - do not alter	JP8	Unidentified
» Factory configured - do not alter	JP9	Unidentified
» Factory configured - do not alter	JP10	Unidentified
» Factory configured - do not alter	JP11	Unidentified
» Factory configured - do not alter	JP12	Unidentified
» Factory configured - do not alter	JP13	Unidentified
» Factory configured - do not alter	JP30	Unidentified
» Factory configured - do not alter	JP39	Unidentified
» Factory configured - do not alter	JP40	Unidentified

»	Factory configured - do not alter	JP41	Unidentified
»	Factory configured - do not alter	JP42	Unidentified
»	Factory configured - do not alter	JP43	Unidentified
»	Factory configured - do not alter	JP46	Unidentified
»	Factory configured - do not alter	JP47	Unidentified
»	Factory configured - do not alter	JP48	Unidentified
»	Factory configured - do not alter	JP49	Unidentified
	I/O check ready enabled	JP52	Closed
	I/O check ready disabled	JP52	Open
	IDE mode enabled	JP53	Pins 6 & 11 closed
	IDE mode disabled	JP53	Pins 1 & 6 closed
»	Factory configured - do not alter	JP54	Unidentified
»	Factory configured - do not alter	JP55	Unidentified
»	Factory configured - do not alter	JP56	Unidentified
»	IRQ9 disabled	JP57	Open
	IRQ9 enabled	JP57	Closed

USER CONFIGURABLE SETTINGS (CON'T)

Function		Label	Position
»	Factory configured - do not alter	JP58	Unidentified
»	Factory configured - do not alter	JP60	Unidentified
»	CMOS memory normal operation	JP66	Closed
	CMOS memory clear	JP65	Open
»	Factory configured - do not alter	JP66	Unidentified
»	Factory configured - do not alter	JP67	Unidentified
»	Factory configured - do not alter	JP68	Unidentified

»	Factory configured - do not alter	JP69	Unidentified
»	Factory configured - do not alter	JP70	Unidentified
»	Factory configured - do not alter	JP71	Unidentified
»	Factory configured - do not alter	JP72	Unidentified
»	Factory configured - do not alter	JP73	Unidentified

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 256K x 36			
5MB	(1) 1M x 36	(1) 256K x 36	None	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 2M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
9MB	(1) 2M x 36	(1) 256K x 36	None	None
10MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	None
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 2M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
12MB	(1) 1M x 36	(1) 2M x 36	None	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	None

16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	None	None
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	None
20MB	(1) 4M x 36	(1) 1M x 36	None	None
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 8M x 36	None	None	None
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
34MB	(1) 8M x 36	(1) 512K x 36	None	None
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	None
36MB	(1) 1M x 36	(1) 8M x 36	None	None
40MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	None
40MB	(1) 8M x 36	(1) 2M x 36	None	None
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
48MB	(1) 8M x 36	(1) 4M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	None
64MB	(1) 8M x 36	(1) 8M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
128MB	(1) 8M x 36			

CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K x 8
256KB	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP33	JP34	JP35	JP36
128KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Open	Open
256KB	Pins 1 & 2 closed	Pins 2 & 3 closed	Open	Open
512KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed	Closed

VIDEO MEMORY CONFIGURATION
Note: The location of the video memory is unidentified.

CPU SPEED SELECTION			
Speed	JP1	JP2	JP3
20MHz	Closed	Closed	Closed
25MHz	Open	Closed	Closed
33MHz	Open	Open	Open
40MHz	Open	Open	Closed
50MHz	Open	Closed	Closed
66MHz	Open	Open	Open

CPU TYPE SELECTION

Type	JP5	JP14	JP16
80486SX	1 & 2	3 & 5, 17 & 19, 16 & 18	Open
CX M6	2 & 3	1 & 3, 6 & 8, 16 & 18, 17 & 19	1 & 2, 3 & 4, 8 & 9
80486DX	1 & 2	3 & 5, 14 & 16, 17 & 19	1 & 2, 3 & 4
SL80486DX	1 & 2	2 & 4, 3 & 5, 14 & 16, 17 & 19	1 & 2, 3 & 4, 7 & 8
CX M7	2 & 3	1 & 3, 6 & 8, 14 & 16, 17 & 19	1 & 2, 5 & 6, 8 & 9
80486DX2	1 & 2	3 & 5, 14 & 16, 17 & 19	1 & 2, 3 & 4
SL80486DX2	1 & 2	2 & 4, 3 & 5, 14 & 16, 17 & 19	1 & 2, 3 & 4, 7 & 8
P24D	Open	2 & 4, 14 & 16, 17 & 19	1 & 2, 3 & 4, 7 & 8
P24T	Open	1 & 3, 7 & 9, 14 & 16	1 & 2, 3 & 4, 7 & 8

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP26	JP28	JP29	JP32
80486SX	Open	Open	Open	Open
CX M6	Open	Open	Closed	Open
80486DX	Open	Open	Open	Closed
SL80486DX	Open	Closed	Open	Closed
CX M7	Open	Open	Closed	Closed
80486DX2	Open	Open	Open	Closed
SL80486DX2	Open	Closed	Open	Closed
P24D	1 & 3	Closed	Closed	Closed
P24T	2 & 4	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP37	JP44	JP59	JP61
80486SX	Open	Open	Open	Open
CX M6	5 & 6, 9 & 10	Open	Closed	Closed
80486DX	9 & 10	Closed	Open	Open
SL80486DX	9 & 10	Closed	Closed	Open
CX M7	5 & 6, 9 & 10	Closed	Closed	Closed
80486DX2	9 & 10	Closed	Open	Open
SL80486DX2	9 & 10	Closed	Closed	Open
P24D	7 & 8	Closed	Open	Open
P24T	Open	Closed	Open	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	JP17	JP31
3.3v	Open	Open
5v	Closed	Closed

VL BUS SPEED SELECTION

Speed	JP53
<= 33MHz	Pins 3 & 8 closed
>33 MHz	Pins 8 & 13 closed

HARD DRIVE MODE SELECTION

Mode	JP53

0	Pins 9 & 14, 10 & 15 closed
1	Pins 4 & 9, 10 & 15 closed
2	Pins 5 & 10, 9 & 14 closed
3	Pins 4 & 9, 5 & 10 closed