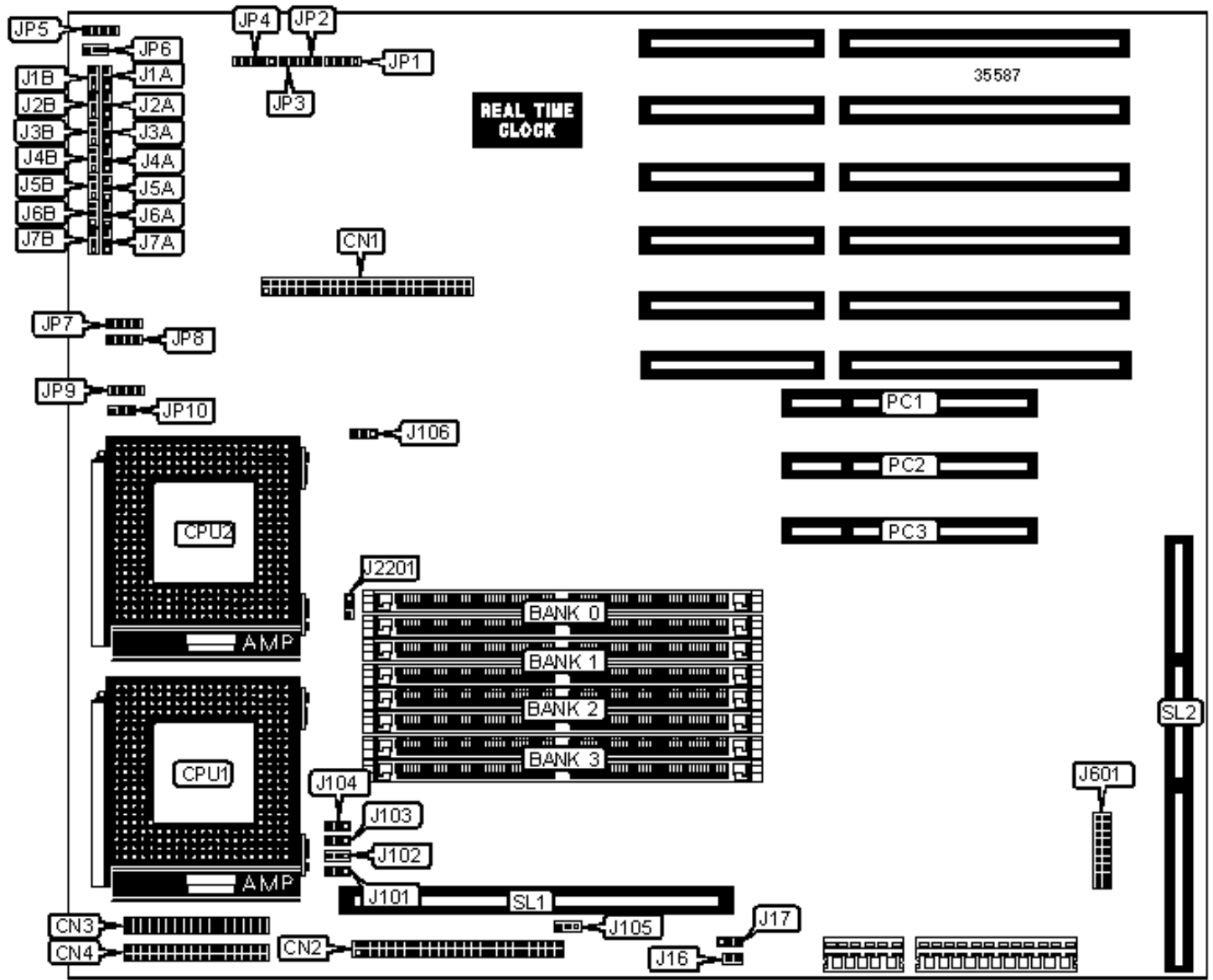


ZENITH DATA SYSTEMS, INC.

Z-SERVER WL

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
Wide SCSI interface	CN1	Chassis fan power	JP6
SCSI interface	CN2	HD - IN/OUT	JP5
Floppy drive interface	CN3	HD - IN	JP7
Proprietary Zenith front panel connector	CN4	Chassi switch	JP8
Serial port 2	J601	Hard Drive LED	JP9
Speaker	JP1	CPU fan power	JP10
Reset switch	JP2	32-bit PCI slots	PC1 - PC3
Power LED	JP3	Cache slot	SL1
Keylock	JP4	Riser slot	SL2

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J106	Pins 2 & 3 closed
» Factory configured - do not alter	J16	Unidentified
» Factory configured - do not alter	J17	Unidentified
» CMOS protection enabled	J1B	Pins 1 & 2 closed
CMOS clear	J1B	Pins 2 & 3 closed
» Password normal operation	J2B	Pins 1 & 2 closed
Password clear	J2B	Pins 2 & 3 closed
» Factory configured - do not alter	J3A	Pins 1 & 2 closed
» CPU 1 is primary	J3B	Pins 1 & 2 closed
CPU 2 is primary	J3B	Pins 2 & 3 closed
» Monitor type select color	J4A	Pins 1 & 2 closed
Monitor type select monochrome	J4A	Pins 2 & 3 closed

»	Factory configured - do not alter	J4B	Pins 1 & 2 closed
»	Factory configured - do not alter	J5A	Pins 1 & 2 closed
»	BIOS write protect enabled	J6A	Pins 1 & 2 closed
	BIOS write protect disabled	J6A	Pins 2 & 3 closed
»	Factory configured - do not alter	J7A	Pins 2 & 3 closed
»	Factory configured - do not alter	J7B	Pins 1 & 2 closed

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
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
17MB	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36	None
17MB	(1) 256K x 36	(1) 4M x 36	None	None
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	None
18MB	(1) 4M x 36	(1) 512K x 36	None	None
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	None
18MB	(1) 512K x 36	(1) 4M x 36	None	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 512K x 36	(1) 512K 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
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	None
20MB	(1) 1M x 36	(1) 4M x 36	None	None

22MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
24MB	(1) 2M x 36	(1) 4M x 36	None	None
25MB	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
26MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
28MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
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
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
33MB	(1) 8M x 36	(1) 256K x 36	None	None
33MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	None
33MB	(1) 256K x 36	(1) 8M x 36	None	None

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
34MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	None
34MB	(1) 8M x 36	(1) 512K x 36	None	None
34MB	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36	None
34MB	(1) 512K x 36	(1) 8M x 36	None	None
35MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36	None
36MB	(1) 8M x 36	(1) 1M 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
38MB	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
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
40MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	None
40MB	(1) 2M x 36	(1) 8M x 36	None	None
44MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	None
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
48MB	(1) 4M x 36	(1) 8M x 36	None	None
49MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
50MB	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
56MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M 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
64MB	(1) 16M x 36	None	None	None
65MB	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36	None
66MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	None
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	None
72MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	None

80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	None
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
97MB	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
98MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
100MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
104MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	None
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	None
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

### CACHE JUMPER CONFIGURATION

Size	J101	J102	J103	J104	J105
256K	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
512K	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated are in the closed position.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J1A	J2A	J5B	J6B	J2201
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2

Note: Pins designated are in the closed position.

### CACHE CONFIGURATION

Size	SL1
256KB	None
512KB	256KB

### VIDEO MEMORY CONFIGURATION

Size	Bank 0	Bank 1
512KB	512KB	None
1024KB	512KB	512KB