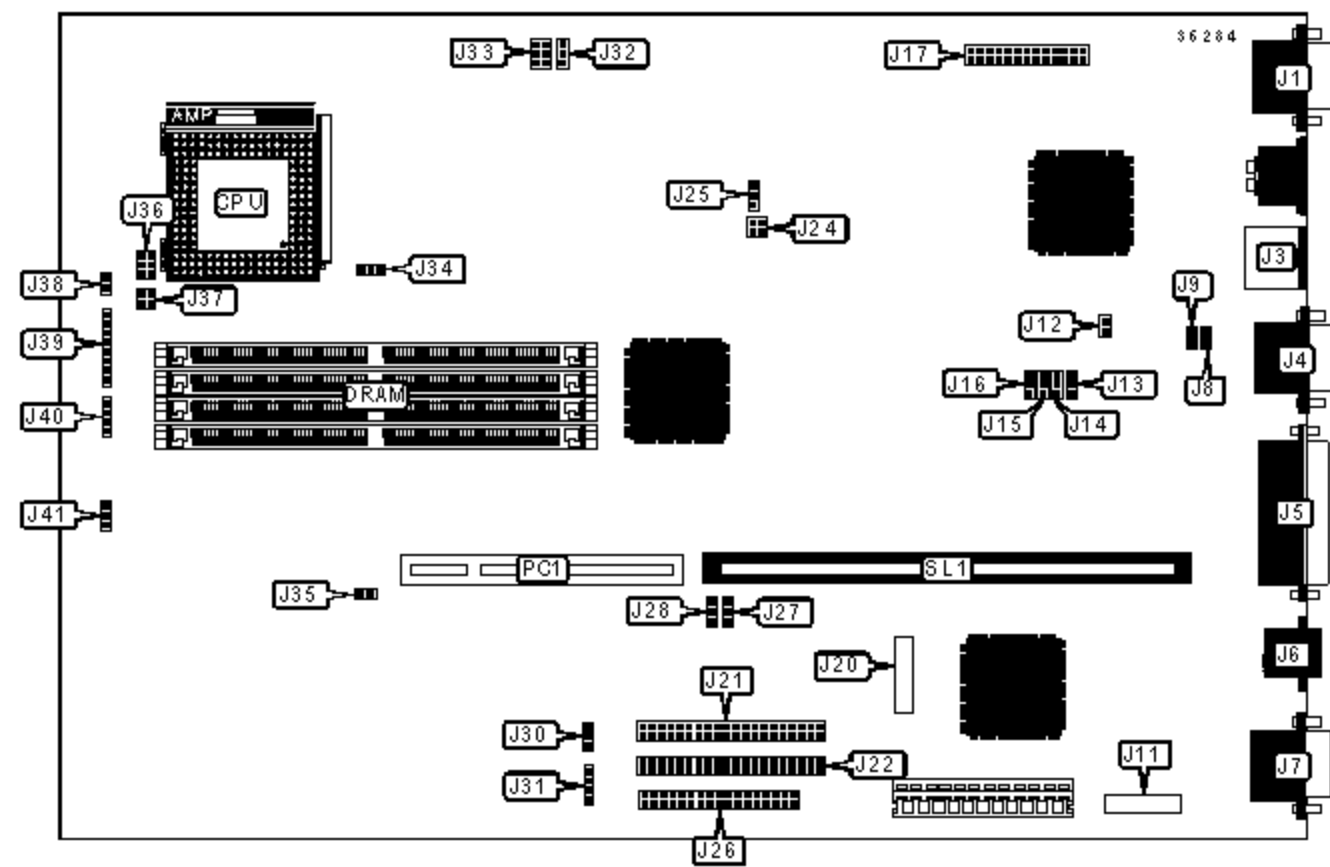


ZENITH DATA SYSTEMS

Z-STATION 510

Device Type	Mainboard
Processor	80486SX/80486SX2/80486DX/80486DX2/80486DX4
Processor Speed	25/33/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	128MB
Maximum Video Memory	Unidentified
Cache	128/256/512KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slot, Ethernet 10Base2 connector, Ethernet 10BaseT connector, AUI connector, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot



CONNECTIONS			
Purpose	Location	Purpose	Location
VGA port	J1	IDE interface 2	J22
PS/2 mouse port	J3	Floppy drive interface	J26
Serial port 1	J4	External battery	J31
Parallel port	J5	Keylock	J38
Ethernet 10BaseT connector	J6	Front panel LEDs	J39

AUI connector	J7	Speaker	J40
Ethernet 10Base2 connector	J11	Chassis fan power	J41
VGA feature connector	J17	Riser slot	SL1
Serial port 2	J20	32-bit PCI slot	PC1
IDE interface 1	J21		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Password normal operation	J8	Open
	Password clear	J8	Closed
»	Monitor type select color	J9	Closed
	Monitor type select monochrome	J9	Open
»	VGA IRQ9 disabled	J12	Open
	VGA IRQ9 enabled	J12	Closed
»	On board I/O enabled	J13	Pins 2 & 3 closed
	On board I/O disabled	J13	Pins 1 & 2 closed
»	Boot select normal boot	J14	Pins 2 & 3 closed
	Boot select boot block	J14	Pins 1 & 2 closed
»	On board video enabled	J15	Pins 2 & 3 closed
	On board video disabled	J15	Pins 1 & 2 closed
	Parity enabled	J16	Pins 2 & 3 closed
	Parity disabled	J16	Pins 1 & 2 closed
»	Factory configured - do not alter	J30	Unidentified
	LDEV# bypass select ISA backplane	J35	Closed
	LDEV# bypass select PCI backplane	J35	Open

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	None	None	None
8MB	(1) 2M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
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
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

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
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) 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
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
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
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
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
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
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

Note: The location of the banks is unidentified.

CACHE CONFIGURATION

Size	Bank 0	Bank 1
128KB	(4) 32K x 8	None
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8

Note: The location of the banks is unidentified.

CACHE JUMPER CONFIGURATION

Size	J24	J25
None	Open	Open
128KB	Open	Pins 1 & 2 closed
256KB	Pins 1 & 2 closed	Pins 2 & 3 closed
512KB	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

CPU SPEED SELECTION

Speed	J32
25MHz	Pins 1 & 2 closed
33MHz	Pins 2 & 3 closed
50iMHz	Pins 1 & 2 closed
66iMHz	Pins 2 & 3 closed
75iMHz	Pins 1 & 2 closed
100iMHz	Pins 2 & 3 closed

CPU TYPE SELECTION

Type	J33
80486SX	Pins 5 & 6 closed
80486SX2	Pins 1 & 2, 3 & 4 closed
80486DX	Pins 1 & 2, 3 & 4 closed
80486DX2	Pins 1 & 2, 3 & 4 closed
80486DX4	Pins 1 & 2, 3 & 4 closed

CPU TYPE SELECTION	
Type	J34
Standard CPU	Pins 2 & 3 closed
S-series CPU	Pins 1 & 2 closed
P24T	Pins 1 & 2 closed

CPU MULTIPLIER SELECTION	
Multiplier	J37
2x	Pins 3 & 4 closed
3x	Open
Other multiplier	Pins 1 & 2 closed

CPU VOLTAGE SELECTION	
Voltage	J36
3.3v	Pins 1 & 3, 2 & 4 closed
5v	Pins 3 & 5, 4 & 6 closed

DMA CHANNEL SELECTION		
Channel	J27	J28
1	Pins 1 & 2 closed	Pins 1 & 2 closed

»	3	Pins 2 & 3 closed	Pins 2 & 3 closed