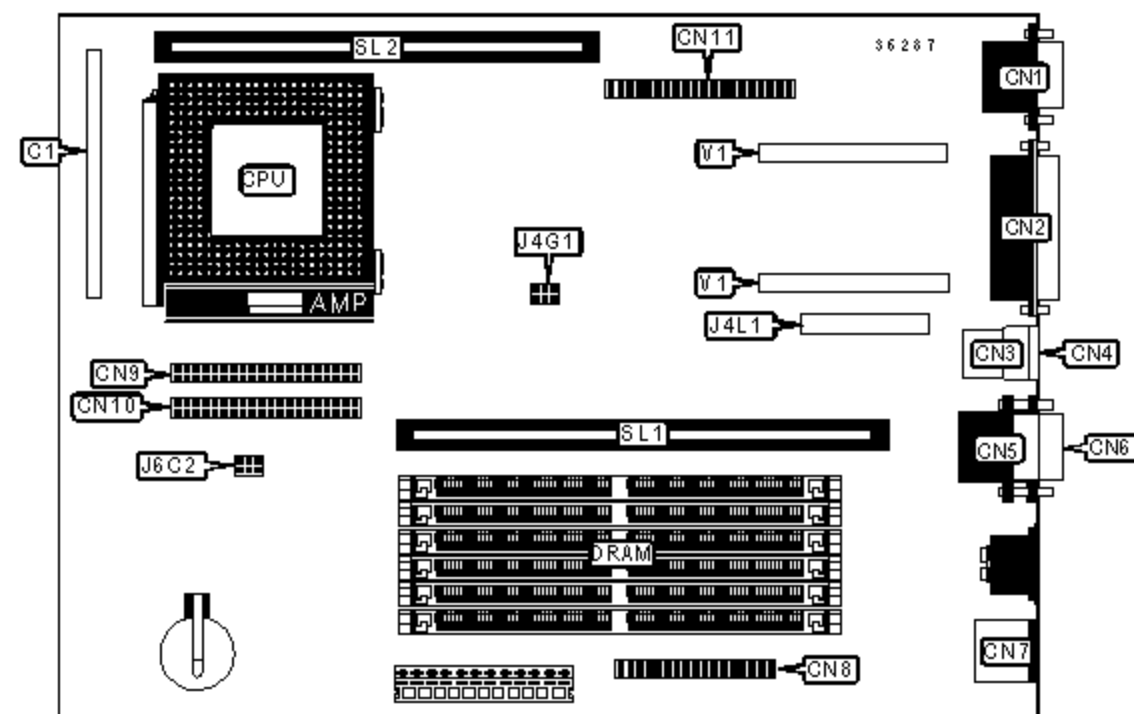


# ZENITH DATA SYSTEMS

## Z-STATION GT TUMBLEWEED

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium
<b>Processor Speed</b>	100/133/166/200MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	192MB (EDO supported)
<b>Maximum Video Memory</b>	4MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, USB connectors (2)



### CONNECTIONS

Purpose	Location	Purpose	Location
Front panel connector	C1	Floppy drive interface	CN8
VGA port	CN1	IDE interface 2	CN9
Parallel port	CN2	IDE interface 1	CN10
USB connector	CN3	ATI connector	CN11
USB connector	CN4	Riser slot	SL1
Serial port	CN5	Cache slot	SL2
Serial port	CN6	Video upgrade module	V1
PS/2 mouse port	CN7		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Number of slots on the riser card 2	J4G1	Pins 1 & 2, 4 & 5 closed
	Number of slots on the riser card 3	J4G1	Pins 2 & 3, 5 & 6 closed
»	Password normal operation	J4L1A	Pins 1 & 2 closed
	Password clear	J4L1A	Pins 2 & 3 closed
»	CMOS memory normal operation	J4L1A	Pins 4 & 5 closed
	CMOS memory clear	J4L1A	Pins 5 & 6 closed
»	Setup access enabled	J4L1B	Pins 1 & 2 closed
	Setup access disabled	J4L1B	Pins 2 & 3 closed

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36	None

48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None

### SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
80MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36

160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
160MB	(2) 8M x 36	(2) 8M x 36	(2) 4M x 36
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory. The location of the banks are unidentified.

### CACHE CONFIGURATION

Size	SL1
256KB	256KB module installed
512KB	512KB module installed

### VIDEO MEMORY CONFIGURATION

Note: To increase video memory size, remove 1MB module from V1 & replace with 4MB module.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J4L1C	J4L1D
100MHz	66MHz	1.5x	1 & 2, 5 & 6	1 & 2, 4 & 5
133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3, 4 & 5
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3, 5 & 6
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2, 5 & 6

Note: Pins designated should be in the closed position.

### CPU TYPE SELECTION

Type	J6C2
Standard	Pins 5 & 6 closed
VRE	Pins 4 & 5 closed