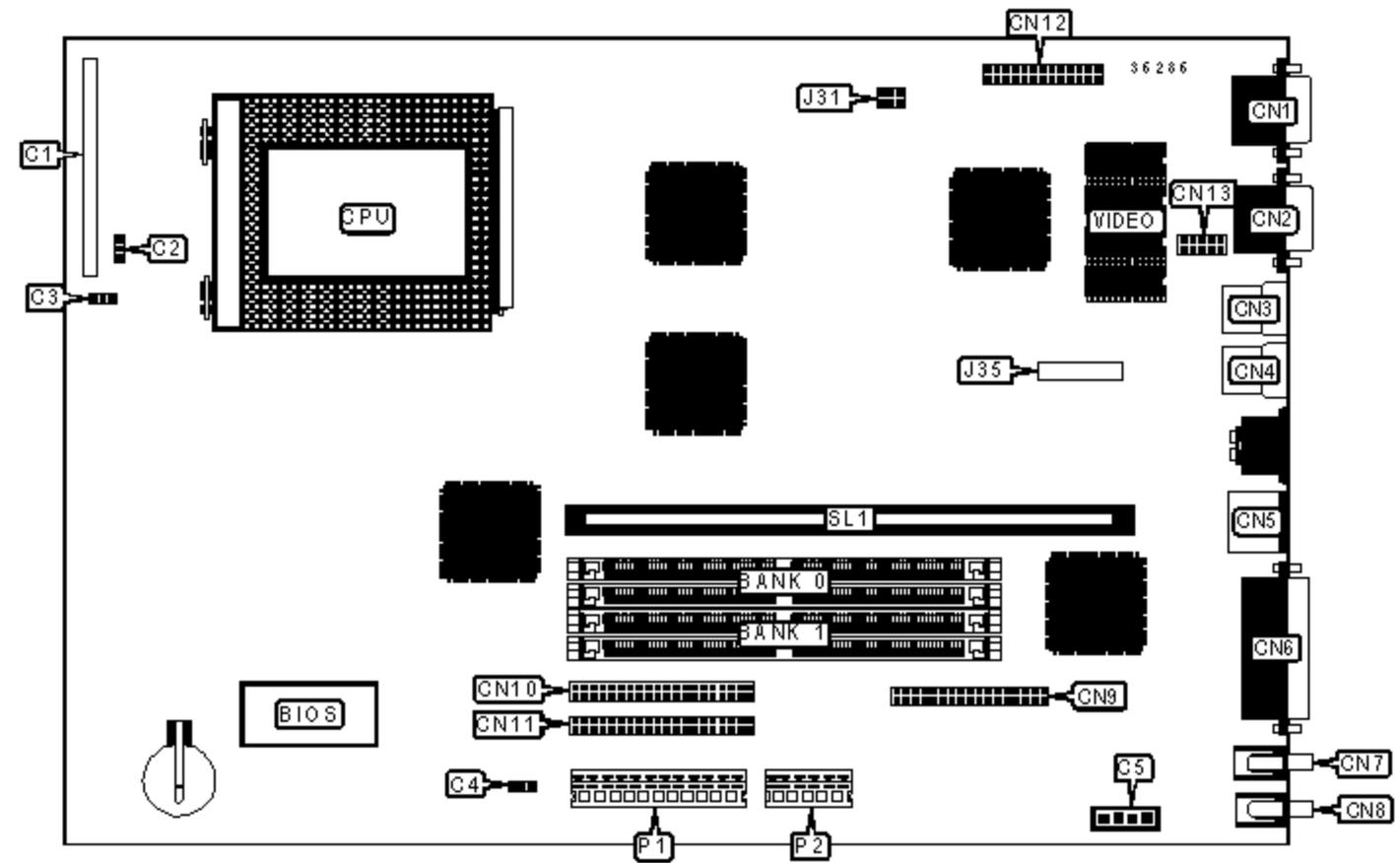


# ZENITH DATA SYSTEMS

## Z-STATION LX PRO S

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium Pro
<b>Processor Speed</b>	150/166/180/200MHz
<b>Chip Set</b>	Intel 440FX
<b>Video Chip Set</b>	S3
<b>Maximum Onboard Memory</b>	256MB (EDO supported)
<b>Maximum Video Memory</b>	2MB
<b>Audio Chip Set</b>	Crystal
<b>Cache</b>	256KB (located on Pentium Pro CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot, USB connectors (2), line out, microphone in, audio in - CD-ROM



### CONNECTIONS

Purpose	Location	Purpose	Location
Front panel connector	C1	Microphone in	CN7
Keylock	C2	Line out	CN8
Chassis fan power	C3	Floppy drive interface	CN9
Soft off power supply	C4	IDE interface 2	CN10
Audio in - CD-ROM	C5	IDE interface 1	CN11

VGA port	CN1	VGA feature connector	CN12
Serial port 1	CN2	Serial port 2	CN13
USB connector 2	CN3	5v power	P1
USB connector 1	CN4	3.3v auxiliary power	P2
PS/2 mouse port	CN5	Riser slot	SL1
Parallel port	CN6		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Number of slots on the riser card 2	J31	Pins 1 & 2, 4 & 5 closed
	Number of slots on the riser card 3	J31	Pins 2 & 3, 5 & 6 closed
»	Flash BIOS write protect disabled	J35D	Pins 5 & 6 closed
	Flash BIOS write protect enabled	J35D	Pins 4 & 5 closed
»	Flash BIOS normal operation	J35E	Pins 2 & 3 closed
	Flash BIOS recovery mode	J35E	Pins 1 & 2 closed
»	CMOS memory normal operation	J35F	Pins 5 & 6 closed
	CMOS memory clear	J35F	Pins 4 & 5 closed
»	Password normal operation	J35G	Pins 2 & 3 closed
	Password clear	J35G	Pins 1 & 2 closed
»	Setup access enabled	J35H	Pins 5 & 6 closed
	Setup access disabled	J35H	Pins 4 & 5 closed

### SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None

16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36

#### SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

#### CACHE CONFIGURATION

Note: 256KBKB cache is located on the Pentium Pro CPU.

#### VIDEO MEMORY CONFIGURATION

Note: the video memory is factory installed and not configurable.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J35A	J35B	J35C
150MHz	60MHz	2.5x	1 & 2	4 & 5	1 & 2
166MHz	66MHz	2.5x	1 & 2	4 & 5	2 & 3
180MHz	60MHz	3x	2 & 3	5 & 6	1 & 2
200MHz	66MHz	3x	2 & 3	5 & 6	2 & 3

Note: Pins designated should be in the closed position.