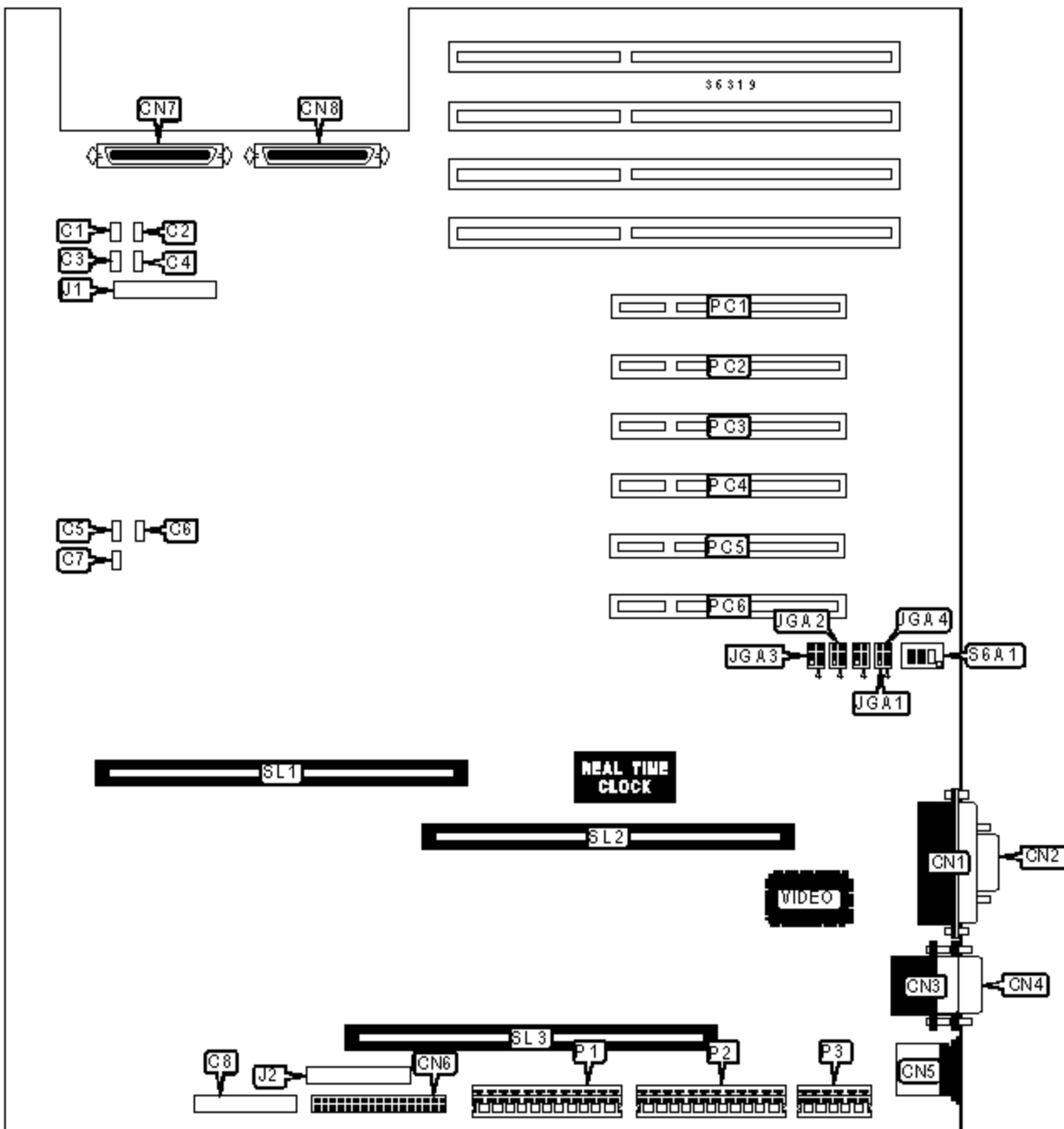


ZENITH DATA SYSTEMS

Z-SERVER HX

Device Type	Mainboard
Processor	Pentium Pro
Processor Speed	150/166/180/200/210/233/240/266MHz
Chip Set	Unidentified
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	2GB
Maximum Video Memory	1MB
Cache	512KB (located on Pentium Pro CPU)
BIOS	Unidentified
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (6), floppy drive interface, SCSI interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port



CONNECTIONS

Purpose	Location	Purpose	Location
Chassis fan power	C1	PS/2 mouse port	CN5
IDE interface LED	C2	Floppy drive interface	CN6
Chassis fan power	C3	SCSI interface	CN7
I2C connector	C4	SCSI interface	CN8
Chassis fan power	C5	5v power	P1
IDE interface LED	C6	5v power	P2
Chassis fan power	C7	3.3v power	P3
Front panel connector	C8	32-bit PCI slots	PC1 - PC6
Parallel port	CN1	CPU slot 1	SL1
VGA port	CN2	CPU slot 2	SL2
Serial port 2	CN3	Memory slot	SL3
Serial port 1	CN4		

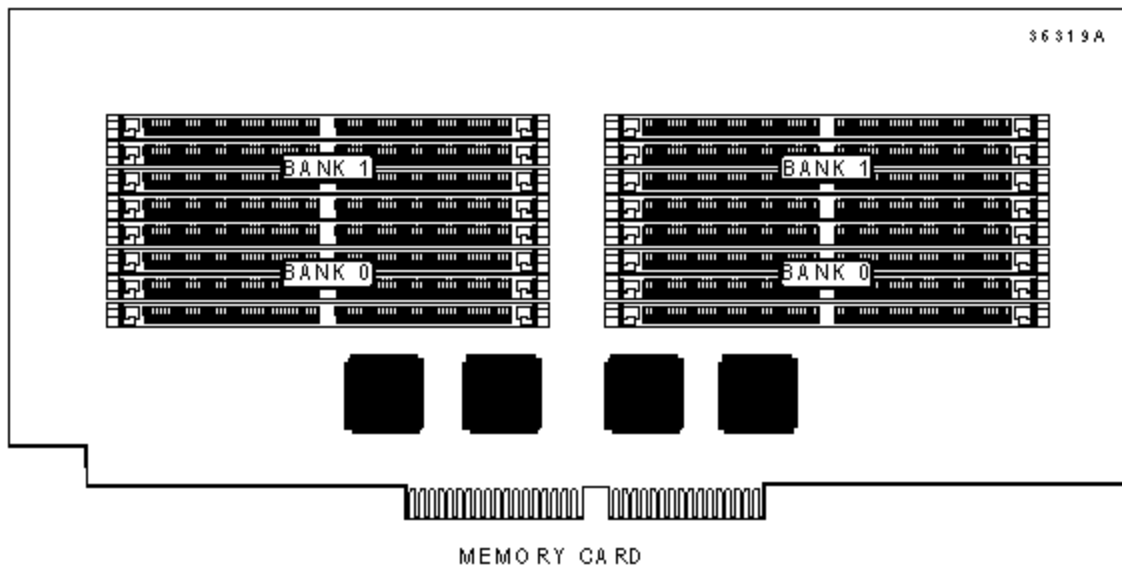
USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	J1	Unidentified
»	Factory configured - do not alter	J2	Unidentified
»	Boot block normal operation	J6A1	Pins 1 & 2 closed
	Boot block recovery mode	J6A1	Pins 2 & 3 closed
»	Flash BIOS write protect disabled	J6A1	Pins 4 & 5 closed
	Flash BIOS write protect enabled	J6A1	Pins 5 & 6 closed
»	Video address select 03C3	J6A2	Pins 2 & 3 closed
	Video address select 46EH	J6A2	Pins 1 & 2 closed
»	Factory configured - do not alter	J6A3	Pins 1 & 2 closed
»	Factory configured - do not alter	J6A3	Pins 5 & 6 closed

»	Floppy drive 0 select force 2.88MB drive	J6A4	Pins 2 & 3 closed
	Floppy drive 0 select 1.44MB/autodetect/disable 2.88MB	J6A4	Pins 1 & 2 closed
»	Floppy drive 1 select force 2.88MB drive	J6A4	Pins 5 & 6 closed
	Floppy drive 1 select 1.44MB/autodetect/disable 2.88MB	J6A4	Pins 4 & 5 closed
»	CMOS memory normal operation	S6A1/1	Off
	CMOS memory clear	S6A1/1	On
»	Password normal operation	S6A1/2	Off
	Password clear	S6A1/2	On
»	Factory configured - do not alter	S6A1/3	Off

VIDEO MEMORY CONFIGURATION

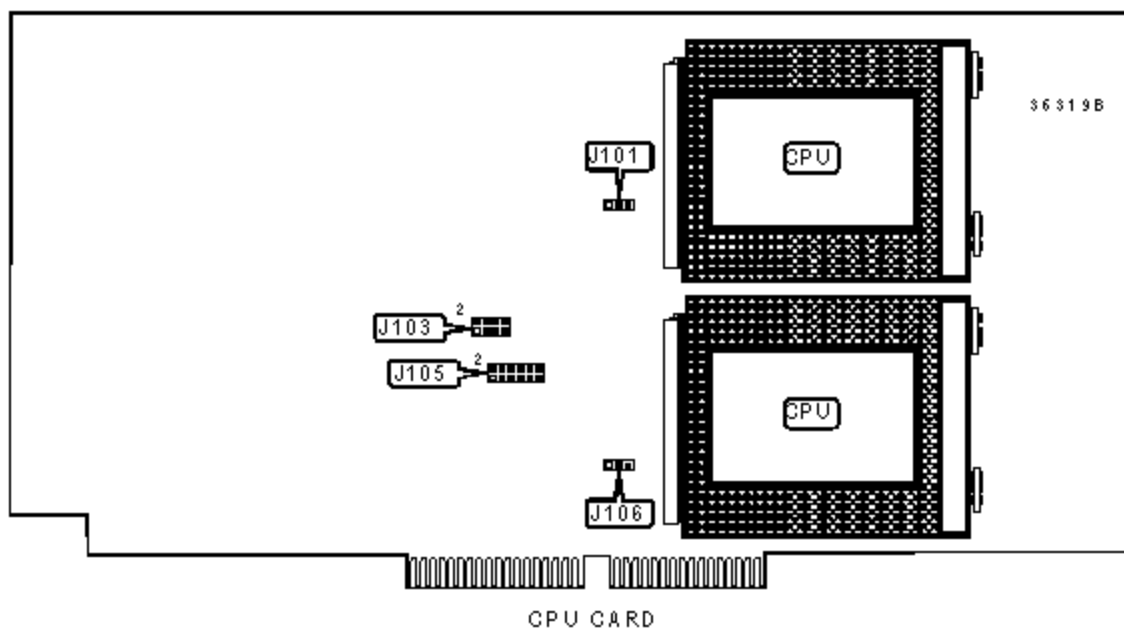
Note: Video memory is factory installed and is not configurable.



SIMM CONFIGURATION

Size	Interleave configuration	Bank 0	Bank 1
64MB	Two-way	(4) 4M x 36	None
128MB	Four-way, single	(4) 4M x 36	None
128MB	Two-way	(4) 8M x 36	None
256MB	Four-way, dual	(4) 4M x 36	(4) 4M x 36

256MB	Four-way, single	(4) 8M x 36	None
256MB	Two-way	(4) 16M x 36	None
384MB	Four-way, dual	(4) 4M x 36	(4) 8M x 36
512MB	Four-way, dual	(4) 8M x 36	(4) 8M x 36
512MB	Four-way, single	(4) 16M x 36	None
512MB	Two-way	(4) 32M x 36	None
640MB	Four-way, dual	(4) 4M x 36	(4) 16M x 36
768MB	Four-way, dual	(4) 8M x 36	(4) 16M x 36
1024MB	Four-way, dual	(4) 16M x 36	(4) 16M x 36
1024MB	Four-way, single	(4) 32M x 36	None
1152MB	Four-way, dual	(4) 4M x 36	(4) 32M x 36
1280MB	Four-way, dual	(4) 8M x 36	(4) 32M x 36
1536MB	Four-way, dual	(4) 16M x 36	(4) 32M x 36
2084MB	Four-way, dual	(4) 32M x 36	(4) 32M x 36



USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J103/pins 5 & 6	Open
»	Factory configured - do not alter	J103/pins 7 & 8	Open

»	Factory configured - do not alter	J103/pins 7 & 8	Open
»	Factory configured - do not alter	J103/pins 9 & 10	Open
»	Factory configured - do not alter	J103/pins 11 & 12	Open

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium Pro CPU.

CPU SPEED SELECTION

Speed	J105/pins 1 & 2	J105/pins 3 & 4	J105/pins 5 & 6
150MHz	Open	Open	Open
180MHz	Closed	Open	Open
210MHz	Open	Closed	Open
240MHz	Closed	Closed	Open
166MHz	Open	Open	Closed
200MHz	Closed	Open	Closed
233MHz	Open	Closed	Closed
266MHz	Closed	Closed	Closed

CPU TYPE SELECTION

Type	J101	J106
» Single CPU installed	Pins 1 & 2 closed	Pins 1 & 2 closed
Dual CPUs installed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION

Voltage	J103/pins 1 & 2	J103/pins 3 & 4
VID disabled for CPU2	Closed	N/A

VID enabled for CPU2	Open	N/A
VID disabled for CPU1	N/A	Closed
VID enabled for CPU1	N/A	Open