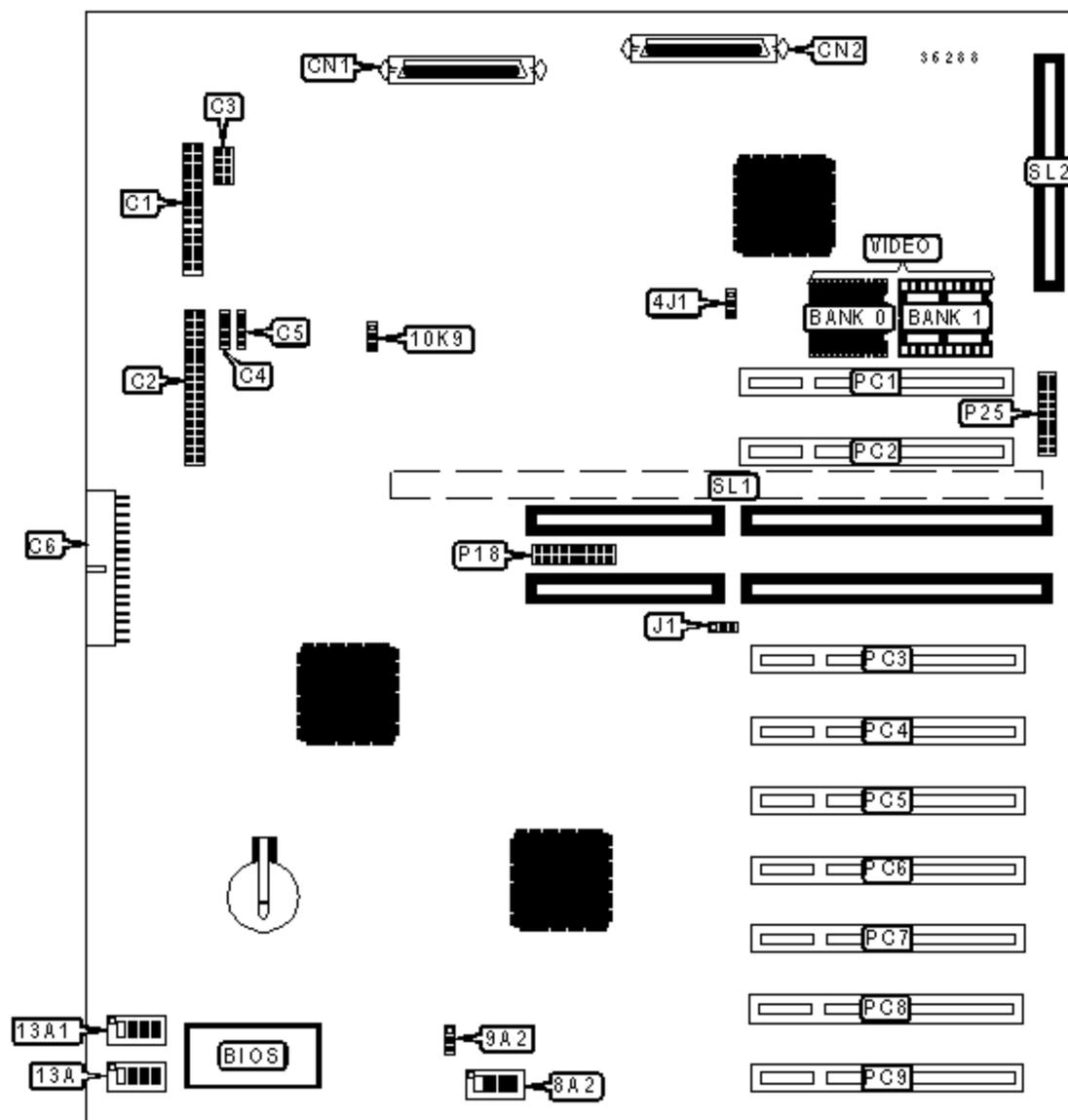


ZENITH DATA SYSTEMS

EXPRESS 5800 HX4100/HX6100

Device Type	Mainboard
Processor	Pentium Pro
Processor Speed	Unidentified
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	4GB
Maximum Video Memory	2MB
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Unidentified
Dimensions	355mm x 304mm
I/O Options (backplane)	32-bit PCI slots (9), floppy drive interface, SCSI interfaces (2),
I/O Options (CPU)	VRM connectors



CONNECTIONS

Purpose	Location	Purpose	Location
Power status cable connector	C1	SCSI interface	CN1

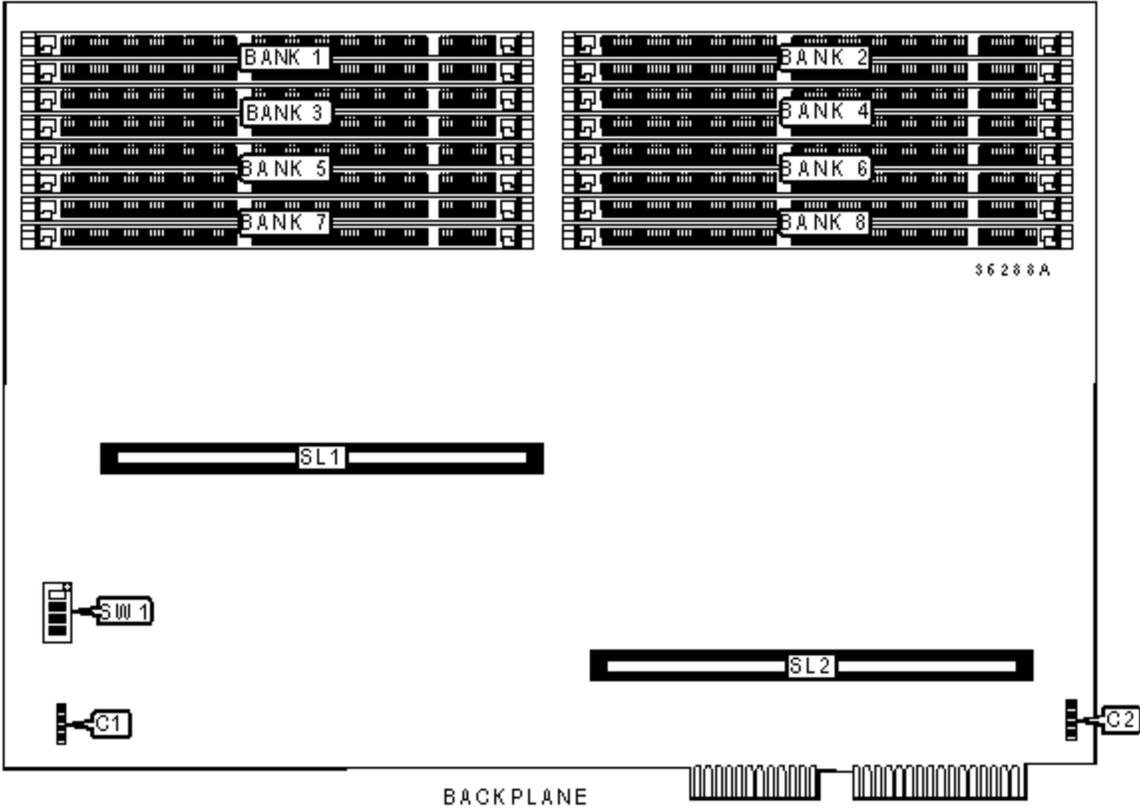
Front panel connector	C2	SCSI interface	CN2
SCSI status cable connector	C3	CPU slot	SL1
Chassis fan power	C4	I/O riser board slot	SL2
Chassis fan power	C5	32-bit PCI slots	PC1 - PC9
Floppy drive interface	C6		
Note: SL1 is located on the underside of the mainboard.			

USER CONFIGURABLE SETTINGS			
Function		Label	Position
»	SCSI channel A select wide	4J1	Pins 2 & 3 closed
	SCSI channel A select narrow	4J1	Pins 1 & 2 closed
»	Factory configured - do not alter	8A2/1	Off
»	Factory configured - do not alter	8A2/2	Off
»	Factory configured - do not alter	8A2/3	Off
»	Factory configured - do not alter	8A2/4	Off
»	Flash BIOS write protect disabled	9A2	Pins 2 & 3 closed
	Flash BIOS write protect enabled	9A2	Pins 1 & 2 closed
»	Factory configured - do not alter	10K9	Unidentified
»	CMOS memory normal operation	13A/1	Off
	CMOS memory clear	13A/1	On
	Password normal operation	13A/2	Off
	Password clear	13A/2	On
»	Factory configured - do not alter	13A/3	Off
»	Factory configured - do not alter	13A/4	Off
»	Factory configured - do not alter	13A1/1	Off
»	Factory configured - do not alter	13A1/2	Off

»	Factory configured - do not alter	13A1/3	Off
»	Factory configured - do not alter	13A1/4	Off
»	Factory configured - do not alter	J1	Unidentified
»	Factory configured - do not alter	P18	Closed
»	Factory configured - do not alter	P25	Unidentified

VIDEO MEMORY CONFIGURATION

Size	Bank 0	Bank 1
1MB	(2) 256K x 16	None
2MB	(2) 256K x 16	(2) 256K x 16



CONNECTIONS

Purpose	Location	Purpose	Location
Chassis fan power	C1	CPU slot	SL1
Chassis fan power	C2	CPU slot	SL2

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	SW1/1	Unidentified
»	Factory configured - do not alter	SW1/2	Unidentified
»	Factory configured - do not alter	SW1/3	Unidentified
»	Factory configured - do not alter	SW1/4	Unidentified

DIMM CONFIGURATION

Size	Bank 1	Bank 2	Bank 3	Bank 4
128MB	(2) 8M x 64	None	None	None
256MB	(2) 16M x 64	None	None	None
384MB	(2) 16M x 64	(2) 8M x 64	None	None
512MB	(2) 32M x 64	None	None	None
640MB	(2) 32M x 64	(2) 8M x 64	None	None
768MB	(2) 32M x 64	(2) 16M x 64	None	None

DIMM CONFIGURATION (CON'T)

Size	Bank 1	Bank 2	Bank 3	Bank 4
896MB	(2) 32M x 64	(2) 16M x 64	(2) 8M x 64	None
1024MB	(2) 32M x 64	(2) 32M x 64	None	None
1152MB	(2) 32M x 64	(2) 32M x 64	(2) 8M x 64	None
1280MB	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64	None
1408MB	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64	(2) 8M x 64
1536MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	None
1664MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 8M x 64
1792MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64
1920MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64
2048MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64

2048MB	(2) 32M x 64			
2176MB	(2) 32M x 64			
2304MB	(2) 32M x 64			
2432MB	(2) 32M x 64			
2560MB	(2) 32M x 64			
2688MB	(2) 32M x 64			
2816MB	(2) 32M x 64			
2944MB	(2) 32M x 64			
3072MB	(2) 32M x 64			
3200MB	(2) 32M x 64			
3328MB	(2) 32M x 64			
3456MB	(2) 32M x 64			
3584MB	(2) 32M x 64			
3712MB	(2) 32M x 64			
3840MB	(2) 32M x 64			
4096MB	(2) 32M x 64			

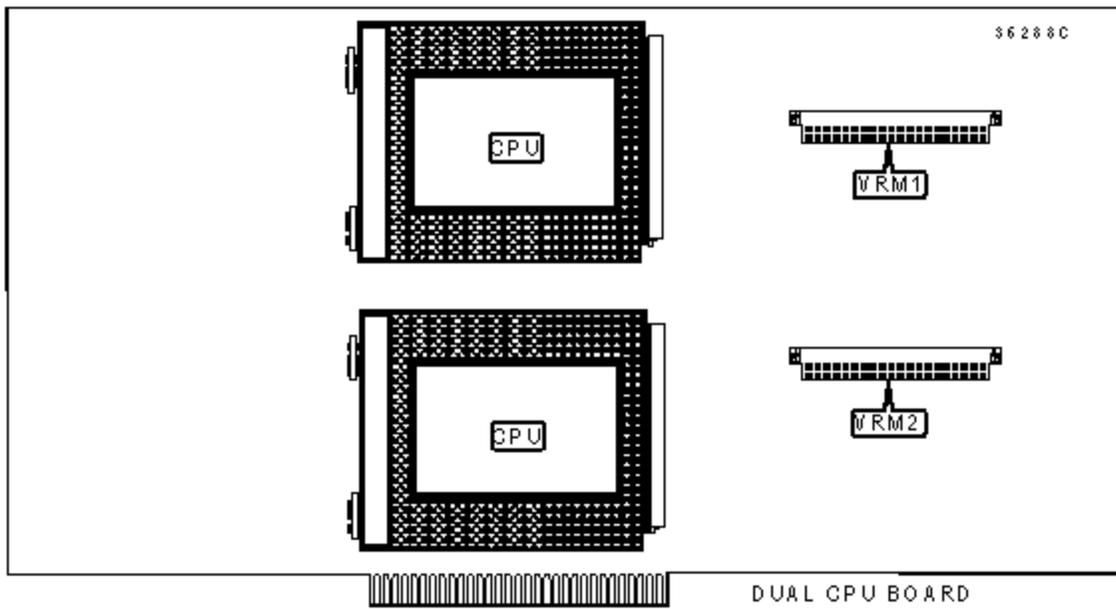
DIMM CONFIGURATION (CON'T)

Size	Bank 5	Bank 6	Bank 7	Bank 8
128MB	None	None	None	None
256MB	None	None	None	None
384MB	None	None	None	None
512MB	None	None	None	None
640MB	None	None	None	None
768MB	None	None	None	None
896MB	None	None	None	None
1024MB	None	None	None	None
1152MB	None	None	None	None

1280MB	None	None	None	None
1408MB	None	None	None	None
1536MB	None	None	None	None
1664MB	None	None	None	None
1792MB	None	None	None	None

DIMM CONFIGURATION (CON'T)

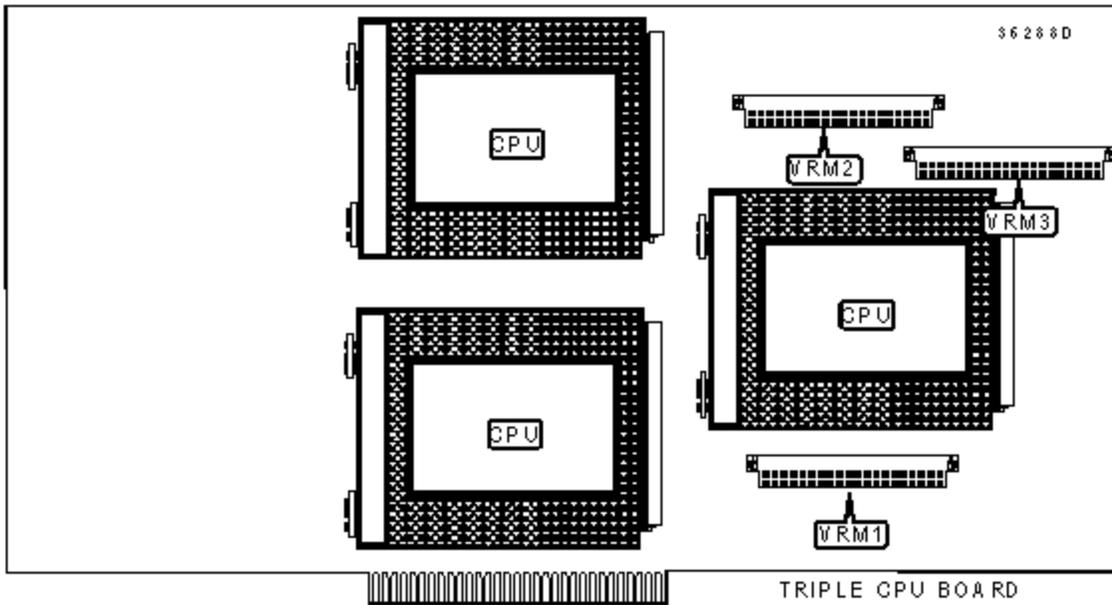
Size	Bank 5	Bank 6	Bank 7	Bank 8
1920MB	(2) 8M x 64	None	None	None
2048MB	None	None	None	None
2176MB	(2) 8M x 64	None	None	None
2304MB	(2) 16M x 64	None	None	None
2432MB	(2) 16M x 64	(2) 8M x 64	None	None
2560MB	(2) 32M x 64	None	None	None
2688MB	(2) 32M x 64	(2) 8M x 64	None	None
2816MB	(2) 32M x 64	(2) 16M x 64	None	None
2944MB	(2) 32M x 64	(2) 16M x 64	(2) 8M x 64	None
3072MB	(2) 32M x 64	(2) 32M x 64	None	None
3200MB	(2) 32M x 64	(2) 32M x 64	(2) 8M x 64	None
3328MB	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64	None
3456MB	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64	(2) 8M x 64
3584MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	None
3712MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 8M x 64
3840MB	(2) 32M x 64	(2) 32M x 64	(2) 32M x 64	(2) 16M x 64
4096MB	(2) 32M x 64			



CONNECTIONS			
Purpose	Location	Purpose	Location
VRM connector	VRM1	VRM connector	VRM2

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium Pro CPU.



CONNECTIONS			
Purpose	Location	Purpose	Location
VRM connector	VRM1	VRM connector	VRM3

VRM connector	VRM2		

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium Pro CPU.