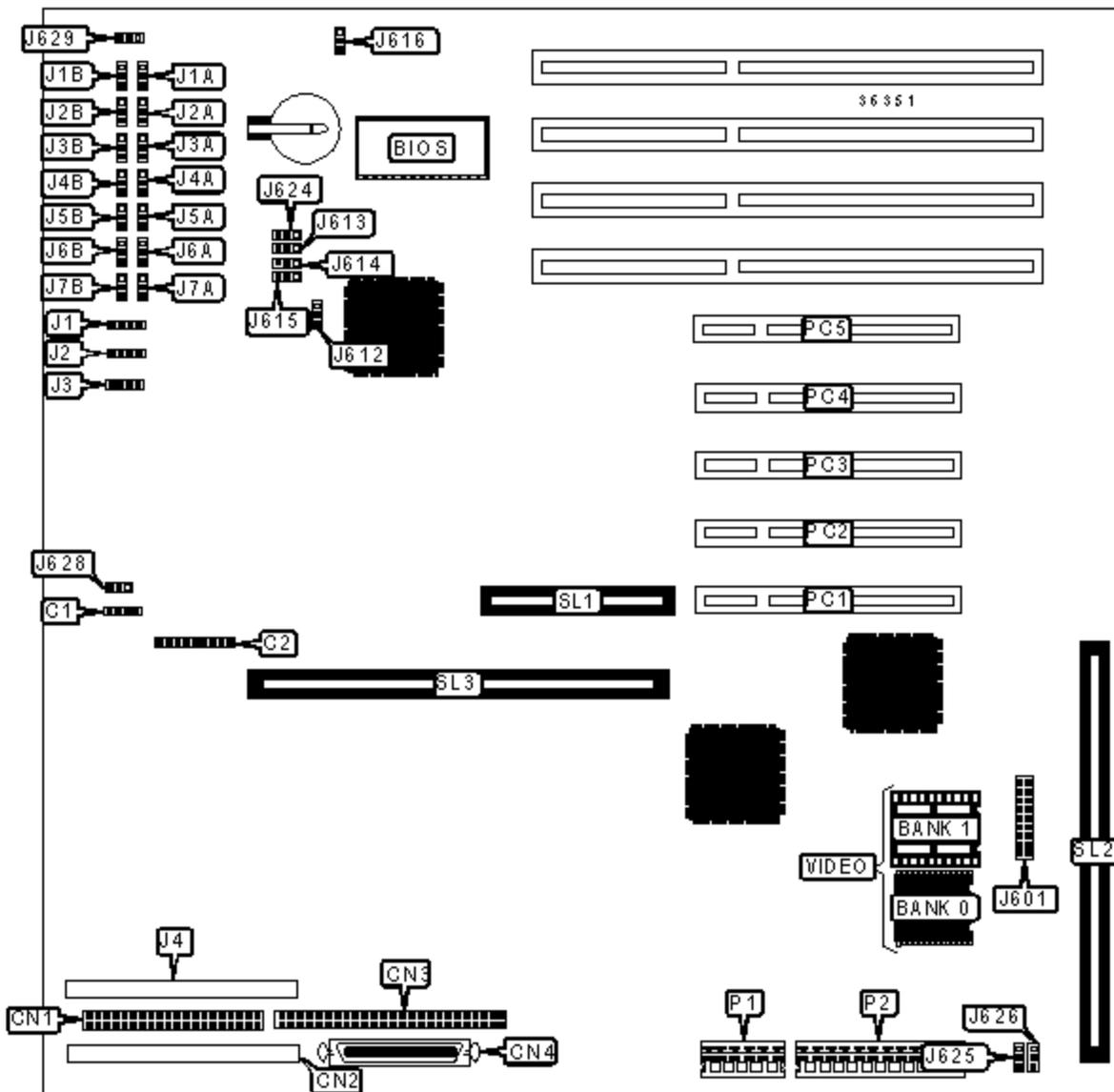


# ZENITH DATA SYSTEMS

## EXPRESS 5800 LE2000

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium Pro
<b>Processor Speed</b>	Unidentified
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	1GB
<b>Maximum Video Memory</b>	2MB
<b>Cache</b>	256/512KB (located on Pentium Pro CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	32-bit PCI slots (5), floppy drive interface, Narrow SCSI interface, Wide SCSI interface, RAID slot



### CONNECTIONS

Purpose	Location	Purpose	Location
Chassis fan power	C1	Power connector	P1

Speaker	C2	Power connector	P2
Floppy drive interface	CN1	32-bit PCI slots	PC1 - PC5
Front panel connector	CN2	RAID slot	SL1
Narrow SCSI interface	CN3	Riser board connector	SL2
Wide SCSI interface	CN4	CPU/memory slot	SL3

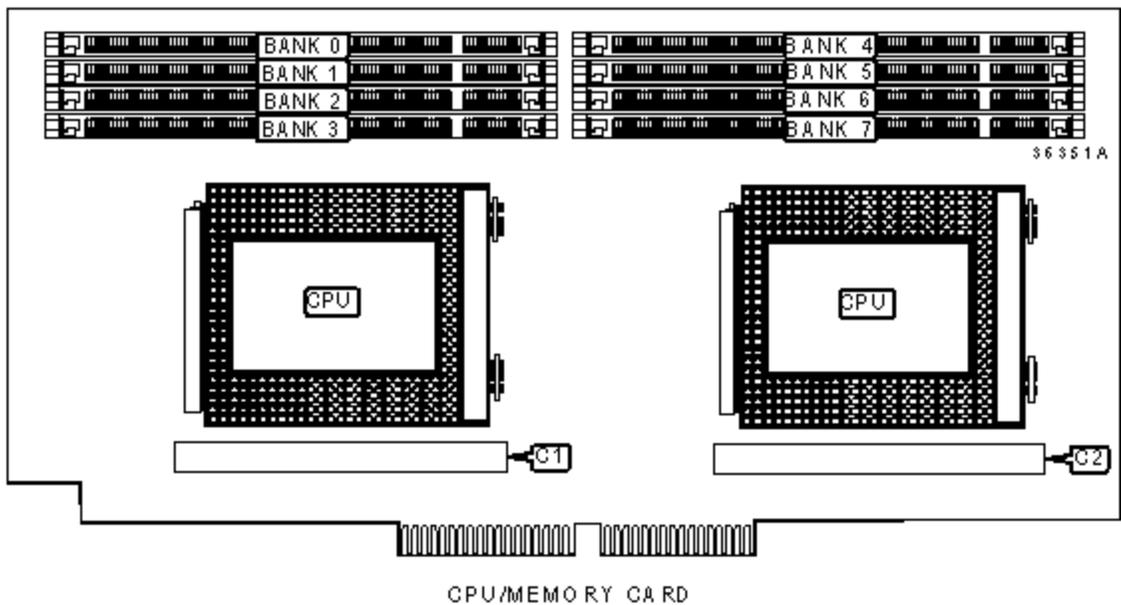
### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J1	Unidentified
»	Factory configured - do not alter	J1A	Pins 2 & 3 closed
»	CMOS memory normal operation	J1B	Pins 1 & 2 closed
	CMOS memory clear	J1B	Pins 2 & 3 closed
»	Factory configured - do not alter	J2	Unidentified
»	Factory configured - do not alter	J2A	Pins 2 & 3 closed
»	Password enabled	J2B	Pins 1 & 2 closed
	Password disabled	J2B	Pins 2 & 3 closed
»	Factory configured - do not alter	J3	Unidentified
»	Factory configured - do not alter	J3A	Pins 1 & 2 closed
»	Factory configured - do not alter	J3B	Unidentified
»	Factory configured - do not alter	J4	Unidentified
»	Factory configured - do not alter	J4A	Pins 2 & 3 closed
»	Factory configured - do not alter	J4B	Pins 1 & 2 closed
»	Factory configured - do not alter	J5A	Pins 1 & 2 closed
»	Factory configured - do not alter	J5B	Pins 2 & 3 closed
»	Flash BIOS write protect disabled	J6A	Pins 1 & 2 closed
	Flash BIOS write protect enabled	J6A	Pins 2 & 3 closed

»	Factory configured - do not alter	J6B	Pins 1 & 2 closed
»	Factory configured - do not alter	J7A	Pins 2 & 3 closed
»	Factory configured - do not alter	J601	All jumpers closed
»	Factory configured - do not alter	J612	Pins 2 & 3 closed
»	Factory configured - do not alter	J613	Pins 1 & 2 closed
»	Factory configured - do not alter	J614	Pins 1 & 2 closed
»	Factory configured - do not alter	J615	Pins 2 & 3 closed
»	Factory configured - do not alter	J616	Pins 2 & 3 closed
»	Factory configured - do not alter	J624	Pins 2 & 3 closed
»	Factory configured - do not alter	J625	Pins 2 & 3 closed
»	Factory configured - do not alter	J626	Pins 2 & 3 closed
»	Factory configured - do not alter	J628	Pins 1 & 2 closed
»	Factory configured - do not alter	J629	Pins 2 & 3 closed

#### VIDEO MEMORY CONFIGURATION

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



CPU/MEMORY CARD

### CONNECTIONS

Purpose	Location	Purpose	Location
DC to DC converter 1	C1	DC to DC converter 2	C2

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64			
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64			
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None

96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
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### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64			
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64			
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64			

### DIMM CONFIGURATION (CON'T)

Size	Bank 4	Bank 5	Bank 6	Bank 7
64MB	(1) 4M x 64	None	None	None
64MB	(1) 2M x 64	(1) 2M x 64	None	None
64MB	(1) 1M x 64			
80MB	(1) 4M x 64	(1) 1M x 64	None	None
96MB	(1) 4M x 64	(1) 2M x 64	None	None
96MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None

128MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	None	None	None
128MB	(1) 4M x 64	(1) 4M x 64	None	None
144MB	(1) 8M x 64	(1) 1M x 64	None	None
160MB	(1) 8M x 64	(1) 2M x 64	None	None
192MB	(1) 8M x 64	(1) 4M x 64	None	None
192MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
256MB	(1) 16M x 64	None	None	None
256MB	(1) 8M x 64	(1) 8M x 64	None	None
256MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
272MB	(1) 16M x 64	(1) 1M x 64	None	None
288MB	(1) 16M x 64	(1) 2M x 64	None	None
352MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
384MB	(1) 16M x 64	(1) 8M x 64	None	None
384MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	None	None
512MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
544MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64

#### DIMM CONFIGURATION (CON'T)

Size	Bank 4	Bank 5	Bank 6	Bank 7
576MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
640MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
768MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
1024MB	(1) 16M x 64			

#### CACHE CONFIGURATION

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

Note: 256KB/32KB cache is located on the Pentium II CPU.