SIEMENS NIXDORF

SYSTEM BOARD D992 (DUAL)

Configuration

Labels visible on the board diagram: C1, CN8, SW1, BIOS, 35737, PC6, PC5, PC4, PC3, PC2, C6, C7, PC1, CN7, CN6, C10, C11, CN1, C2, C3, C4, CPU1, C9, CN2, CN3, VRM2, VRM1, C8, BANK 3, BANK 2, BANK 1, BANK 0, BANK 0, BANK 1, VIDEO, CN4, CN5, C12, CPU2, ATX
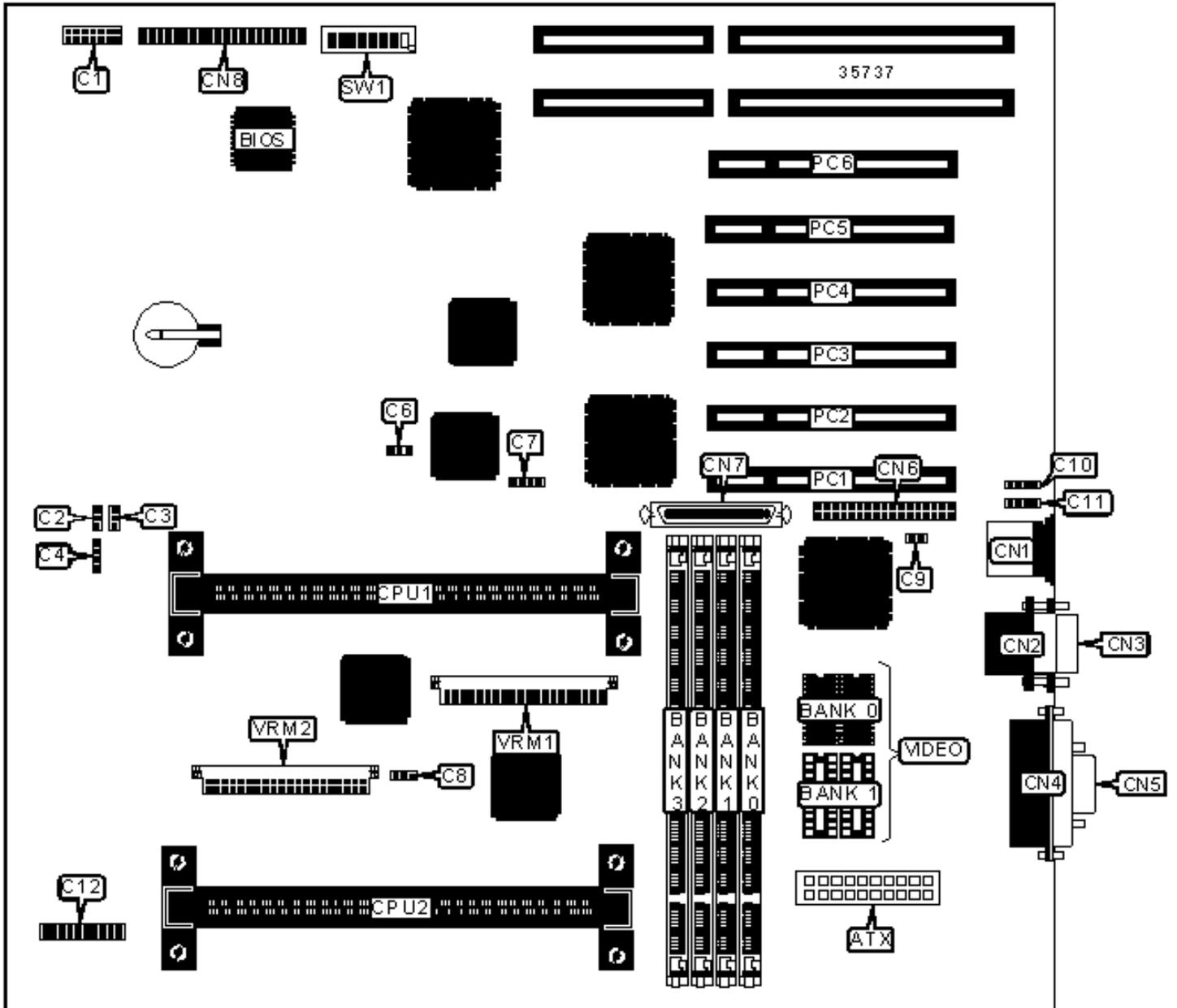
CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Front panel connector	C12
SMM connector	C1	PS/2 mouse port	CN1
Chassis fan power	C2	Serial port 2	CN2
Chassis fan power	C3	Serial port 1	CN3
Speaker	C4	Parallel port	CN4
Control panel connector	C5	VGA port	CN5
Temperature sensor 1	C6	Floppy drive interface	CN6
SCSI interface LED	C7	Ultra Wide SCSI interface	CN7
Temperature sensor 2	C8	IDE interface	CN8
Wake on modem connector	C9	32-bit PCI slots	PC1 – PC6
Can bus control connector 1	C10	VRM connector	VRM1
Can bus control connector 2	C11	VRM connector	VRM2

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Flash BIOS normal operation	SW1/1	Off
	Flash BIOS recovery mode	SW1/1	On
»	Factory configured - do not alter	SW1/2	Off
»	Flash BIOS write protect disabled	SW1/3	Off
	Flash BIOS write protect enabled	SW1/3	On
»	Floppy drive write protect disabled	SW1/4	Off
	Floppy drive write protect enabled	SW1/4	On

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(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
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M 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
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(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
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

CACHE CONFIGURATION

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

VIDEO MEMORY CONFIGURATION

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

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
266MHz	66MHz	4x	On	On	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
333MHz	66MHz	5x	On	On	Off	Off