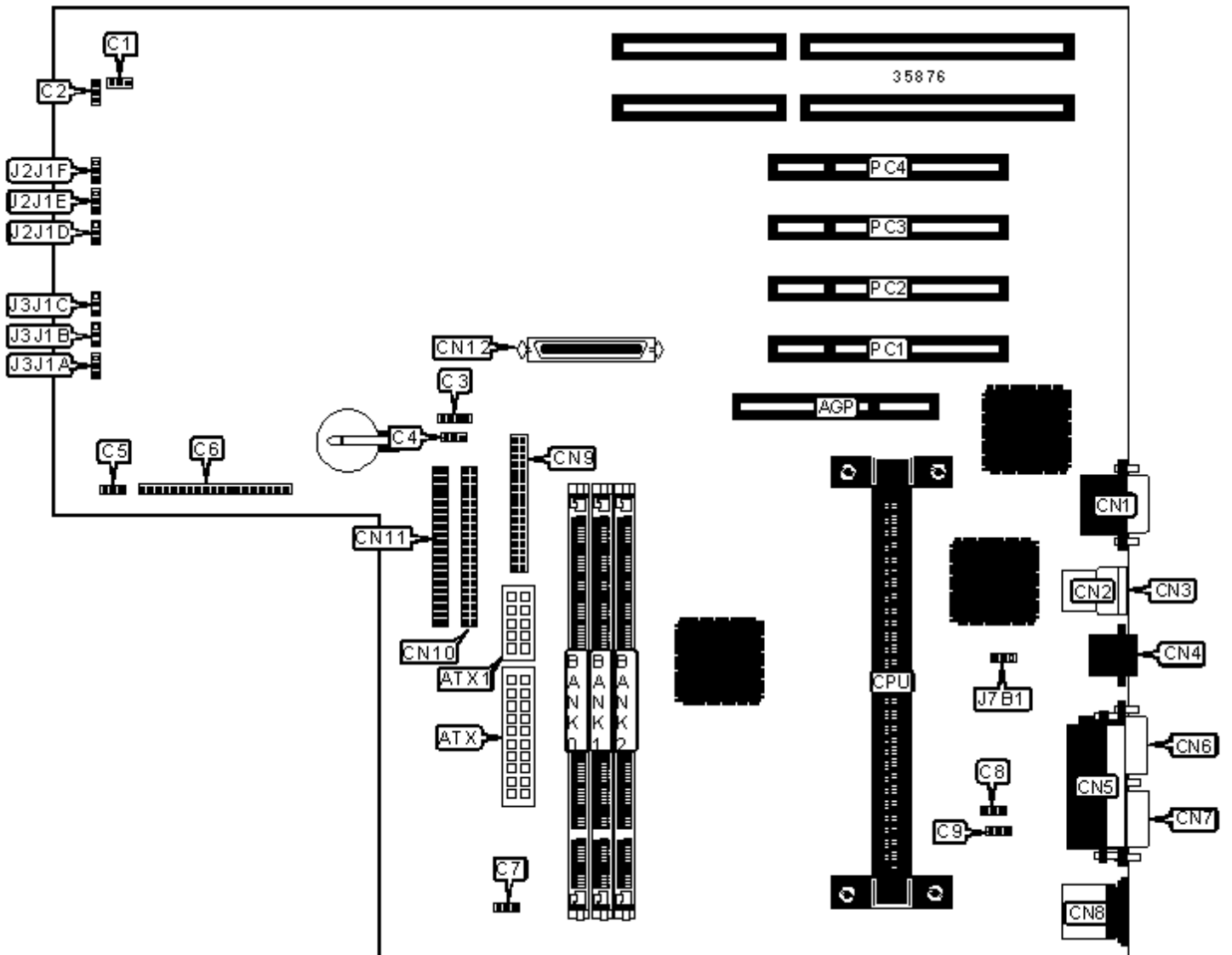


SIEMENS NIXDORF
SYSTEM BOARD D1097

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	C8
ATX power connector	ATX	Chassis intrusion connector	C9
Auxiliary ATX power connector	ATX1	VGA port	CN1
IMB connector	C1	USB connector 1	CN2
Chassis fan power	C2	USB connector 2	CN3
IDE interface LED	C3	Ethernet 10BaseT connector	CN4
Wake on LAN connector	C4	Parallel port	CN5
Chassis fan power	C5	Serial port	CN6
Soft off power supply	C6/pins 1 – 3	Serial port	CN7
IDE interface LED	C6/pins 4 - 7	PS/2 mouse port	CN8
Speaker	C6/pins 8 - 11	Floppy drive interface	CN9
Power LED	C6/pins 12 – 14	IDE interface 2	CN10
Reset switch	C6/pins 16 & 17	IDE interface 1	CN11
Green PC connector	C6/pins 18 & 19	Wide SCSI interface	CN12
Chassis fan power	C7	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» BIOS normal operation	J2J1D	Pins 1 & 2 closed
BIOS recovery mode	J2J1D	Pins 2 & 3 closed
» Password normal operation	J2J1E	Pins 1 & 2 closed
Password clear	J2J1E	Pins 2 & 3 closed
» CMOS memory normal operation	J2J1F	Pins 1 & 2 closed
CMOS memory clear	J2J1F	Pins 2 & 3 closed

»	BMC boot block write protect enabled	J3J1A	Pins 1 & 2 closed
	BMC boot block write protect disabled	J3J1A	Pins 2 & 3 closed
»	System boot normal	J3J1B	Pins 1 & 2 closed
	System boot through firmware	J3J1B	Pins 2 & 3 closed
»	BIOS boot block write protect enabled	J3J1C	Pins 1 & 2 closed
	BIOS boot block write protect disabled	J3J1C	Pins 2 & 3 closed
»	Wake on LAN disabled	J7B1	Pins 1 & 2 closed
	Wake on LAN enabled	J7B1	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
164MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None

160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

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

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.