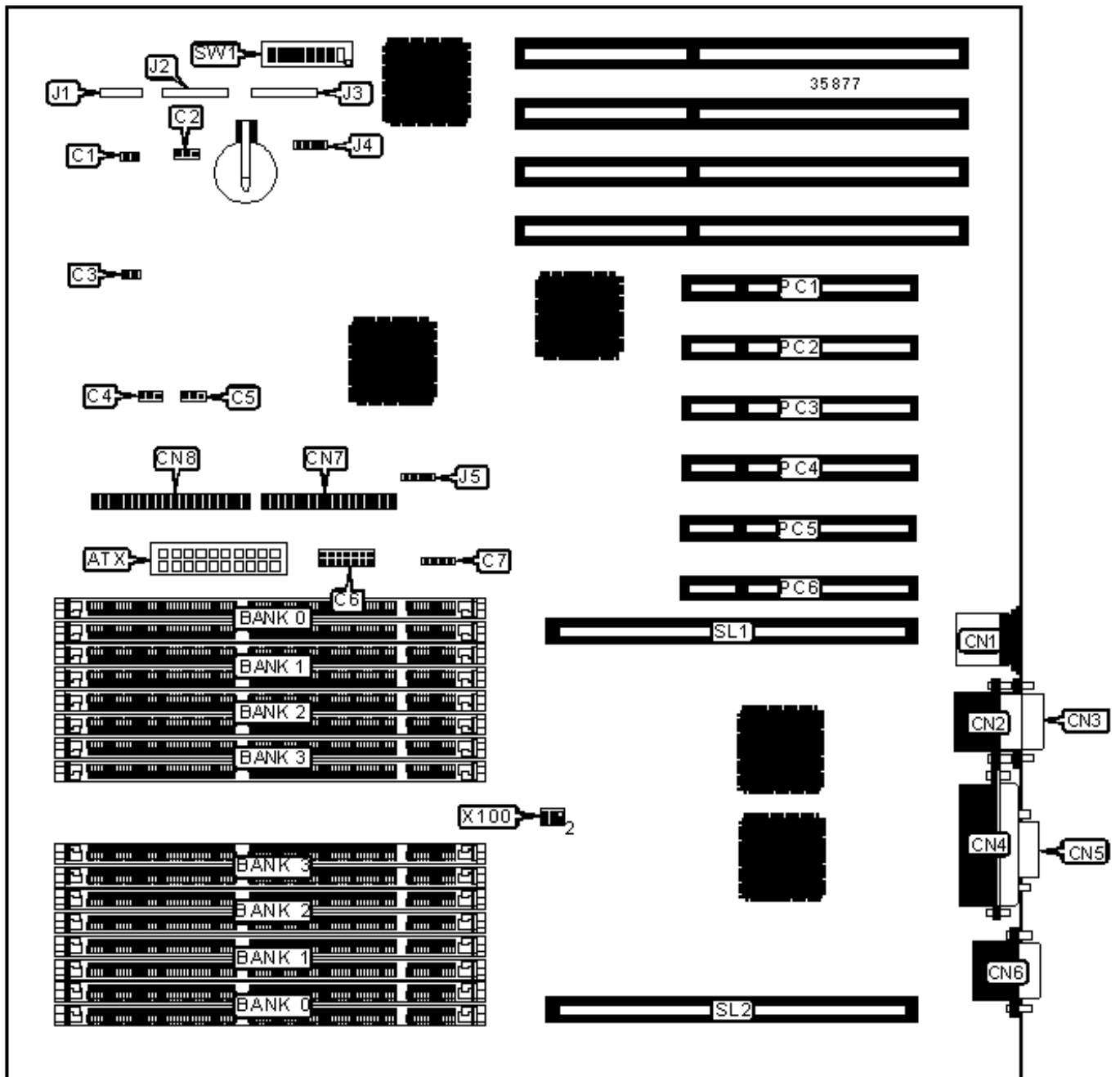


SIEMENS NIXDORF
SYSTEM BOARD D887

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Serial port	CN3
On/off swithc	C1	Parallel port	CN4
Chassis fan power	C2	Can bus interface	CN5
Remote power on	C3	VGA port	CN6
Chassis fan power	C4	IDE interface	CN7
Temperature sensor	C5	Floppy drive interface	CN8
Signal/auxiliary voltage	C6	32-bit PCI slots	PC1 – PC6
Can bus connector	C7	CPU slot 1	SL1
PS/2 mouse port	CN1	CPU slot 2	SL2
Serial port	CN2		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J1	Unidentified
» Factory configured - do not alter	J2	Unidentified
» Factory configured - do not alter	J3	Unidentified
» Factory configured - do not alter	J4	Unidentified
» Factory configured - do not alter	J5	Unidentified
» BIOS normal operation	SW1/1	Off
» BIOS recovery mode	SW1/1	On
» Factory configured - do not alter	SW1/2	Off
» Factory configured - do not alter	SW1/3	Unidentified
» Factory configured - do not alter	SW1/4	Unidentified
» BIOS write protect disabled	SW1/5	Off

	BIOS write protect enabled	SW1/5	On
»	Floppy drive write protect disabled	SW1/6	Off
	Floppy drive enabled	SW1/6	On
»	Factory configured - do not alter	SW1/7	Off
»	Factory configured - do not alter	SW1/8	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(4) 1M x 64	None	None	None
64MB	(4) 1M x 64	(4) 1M x 64	None	None
64MB	(4) 2M x 64	None	None	None
96MB	(4) 1M x 64	(4) 1M x 64	(4) 1M x 64	None
128MB	(4) 1M x 64	(4) 1M x 64	(4) 1M x 64	(4) 1M x 64
128MB	(4) 2M x 64	(4) 2M x 64	None	None
128MB	(4) 4M x 64	None	None	None
192MB	(4) 2M x 64	(4) 2M x 64	(4) 2M x 64	None
256MB	(4) 2M x 64	(4) 2M x 64	(4) 2M x 64	(4) 2M x 64
256MB	(4) 4M x 64	(4) 4M x 64	None	None
256MB	(4) 8M x 64	None	None	None
384MB	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64	None
512MB	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64
512MB	(4) 8M x 64	(4) 8M x 64	None	None
512MB	(4) 16M x 64	None	None	None
768MB	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64	None
1024MB	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64
1024MB	(4) 16M x 64	(4) 16M x 64	None	None

1568MB	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64	None
2048MB	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64

CACHE CONFIGURATION

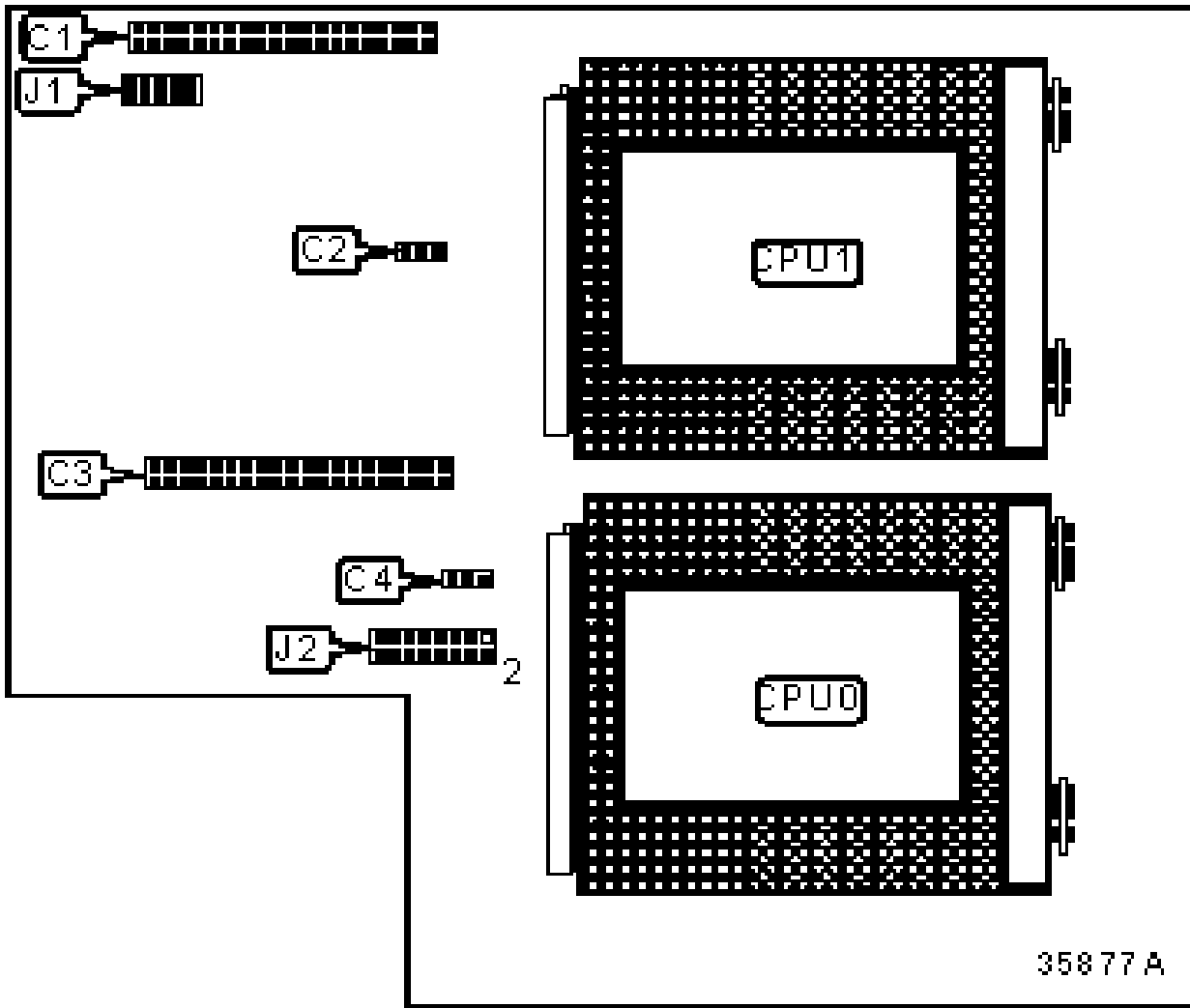
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	X100
166MHz	66MHz	2.5x	Pins 1 & 2 closed
200MHz	66MHz	3x	Pins 1 & 2 closed



CPU CARD 1

CONNECTIONS

Purpose	Location	Purpose	Location
Converter module for CPU 1	C1	Converter module for CPU 0	C3
Temperature sensor for CPU 1	C2	Temperature sensor for CPU 0	C4

USER CONFIGURABLE SETTINGS

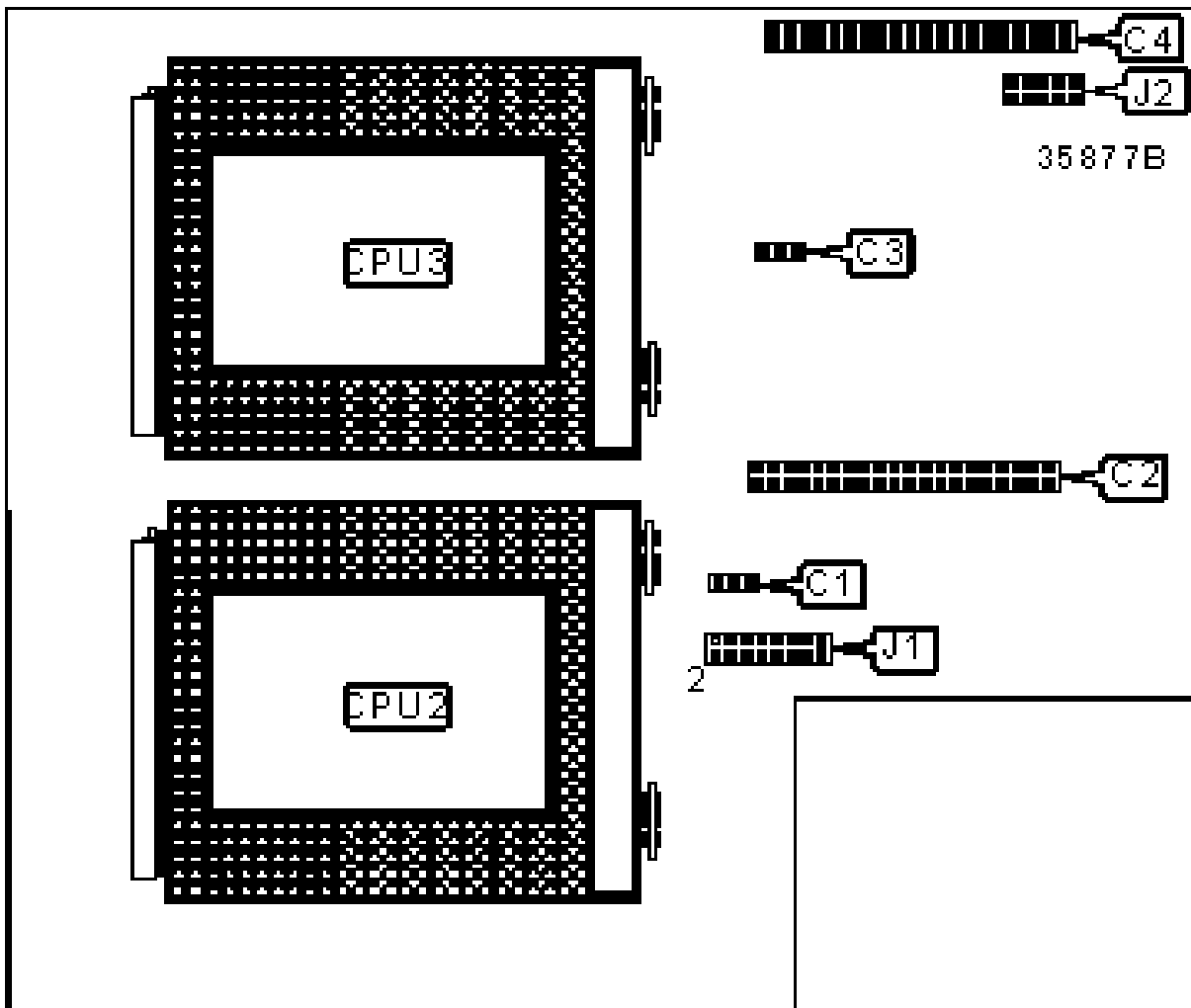
Function	Label	Position
» Factory configured - do not alter	J1	Unidentified

CPU SPEED SELECTION

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CPU speed	Clock speed	Multiplier	J2/ pins 1 & 2	J2/ pins 3 & 4	J2/ pins 5 & 6	J2/ pins 7 & 8
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Closed	Closed	Closed

CPU SPEED SELECTION (CON'T)						
CPU speed	Clock speed	Multiplier	J2/pins 9 & 10	J2/pins 11 & 12	J2/pins 13 & 14	J2/pins 15 & 16
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Closed	Closed	Closed



CPU CARD 2

CONNECTIONS

Purpose	Location	Purpose	Location
Temperature sensor for CPU 2	C1	Temperature sensor for CPU 3	C3
Converter module for CPU 2	C2	Converter module for CPU 3	C4

USER CONFIGURABLE SETTINGS			
Function		Label	Position
»	Factory configured - do not alter	J2	Unidentified

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	J1/ pins 1 & 2	J1/ pins 3 & 4	J1/ pins 5 & 6	J1/ pins 7 & 8
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Closed	Closed	Closed

CPU SPEED SELECTION (CON'T)						
CPU speed	Clock speed	Multiplier	J1/pins 9 & 10	J1/pins 11 & 12	J1/pins 13 & 14	J1/pins 15 & 16
166MHz	66MHz	2.5x	Closed	Closed	Open	Open
200MHz	66MHz	3x	Closed	Closed	Closed	Closed