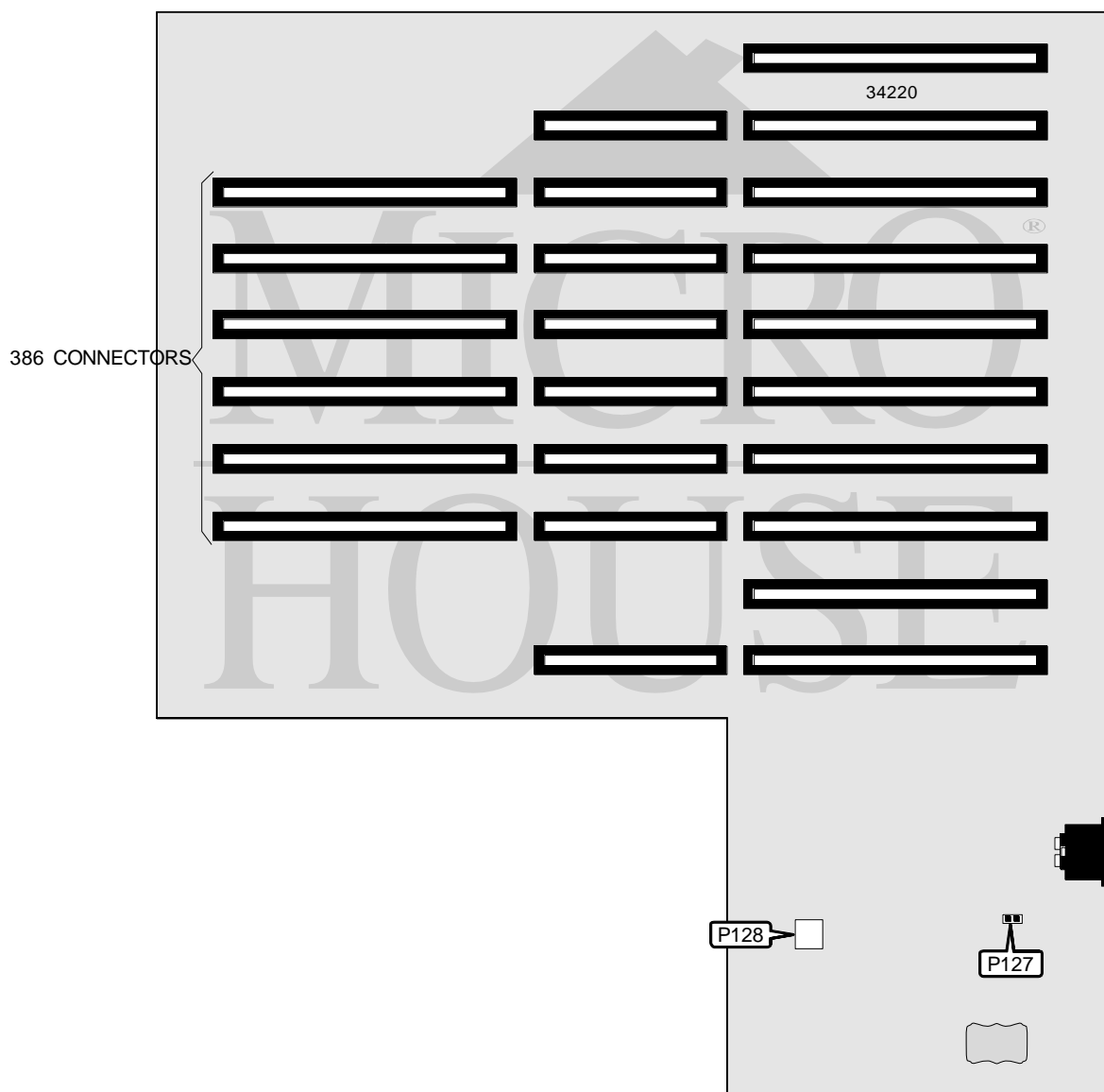


# ZENITH DATA SYSTEMS

## Z-3300 SERIES

<b>Processor</b>	80386
<b>Processor Speed</b>	12/16MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	4MB (on external memory cards)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	None
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	386 connectors (6)
<b>NPU Options</b>	80287/80387



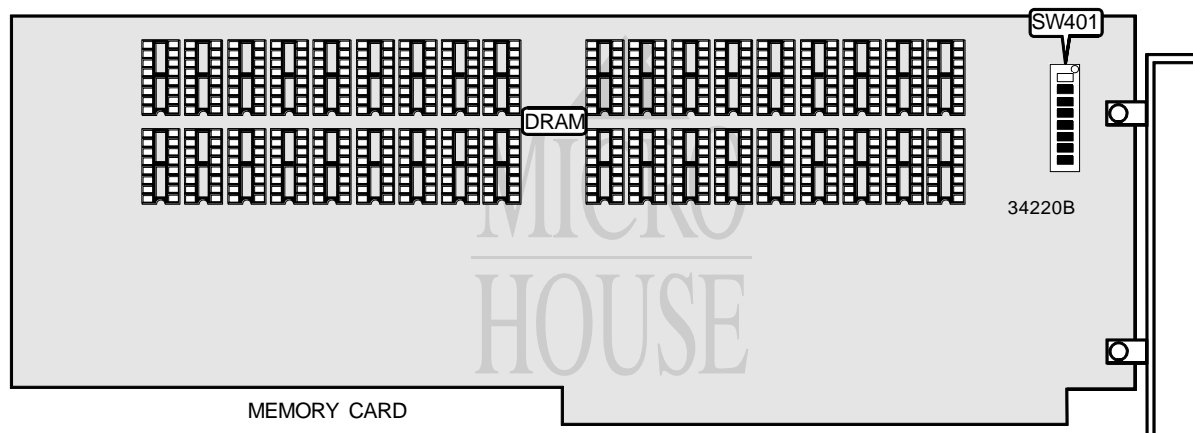
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# ZENITH DATA SYSTEMS

## Z-3300 SERIES

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CONNECTIONS			
Purpose	Location	Purpose	Location
Chassis fan power	P127	Power supply connector	P128



USER CONFIGURABLE SETTINGS		
Function	Label	Position
EMS enabled	SW401/3	On
EMS disabled	SW401/3	Off
Base memory size select 512KB	SW401/4	Off
Base memory size select 640KB	SW401/4	On

DRAM CONFIGURATION	
Size	Bank 0
1MB (Z-505 card)	(36) 41256
4MB (Z-515 card)	(36) 41100
Note: The location of bank 0 is unidentified.	

MEMORY CARD SELECTION		
Setting	SW401/1	SW401/2
Set switch on base memory card to:	On	On
Set switch on first extra memory card to:	On	Off
Set switch on second extra memory card to:	Off	On
Set switch on third extra memory card to:	Off	Off

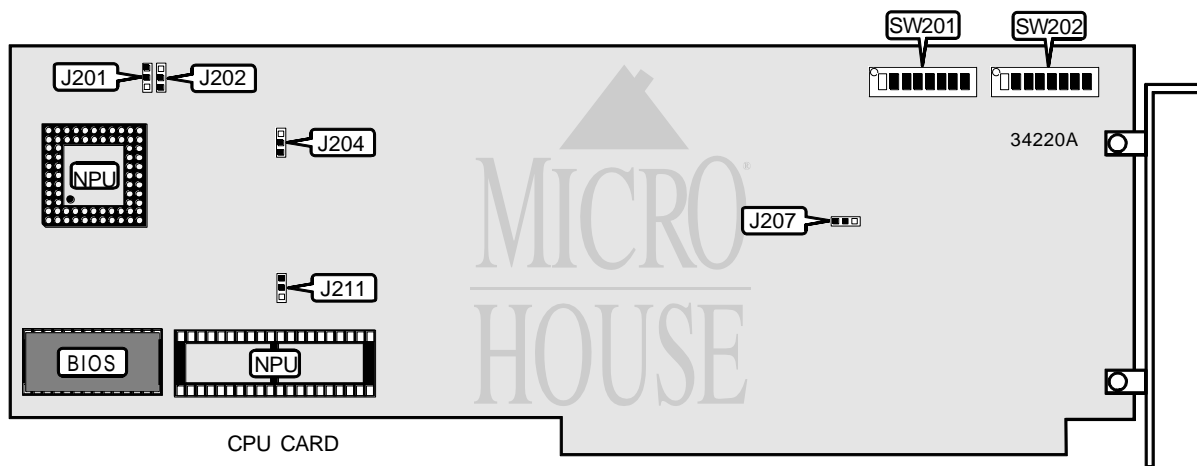
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# ZENITH DATA SYSTEMS

## Z-3300 SERIES

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MEMORY BOUNDARY SELECTION				
Boundary	SW401/5	SW401/6	SW401/7	SW401/8
0	On	On	On	On
1	Off	On	On	On
2	On	Off	On	On
3	Off	Off	On	On
4	On	On	Off	On
5	Off	On	Off	On
6	On	Off	Off	On
7	Off	Off	Off	On
8	On	On	On	Off
9	Off	On	On	Off
10	On	Off	On	Off
11	Off	Off	On	Off
12	On	On	Off	Off
13	Off	On	Off	Off
14	On	Off	Off	Off
15	Off	Off	Off	Off



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# ZENITH DATA SYSTEMS

## Z-3300 SERIES

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
í NPU asynchronous with CPU	J201	Pins 2 & 3 closed
NPU synchronous with CPU	J201	Pins 1 & 2 closed
í NPU type select 80287	J202	Pins 1 & 2 closed
NPU type select 80387	J202	Pins 2 & 3 closed
í NPU not installed	J204	Pins 1 & 2 closed
NPU installed	J204	Pins 2 & 3 closed
í 1MB memory card installed	J207	Pins 1 & 2 closed
No memory cards installed	J207	Pins 2 & 3 closed
í NPU speed select high	J211	Pins 2 & 3 closed
NPU speed select low	J211	Pins 1 & 2 closed

MEMORY ADDRESS SELECTION				
Address	SW201/1	SW201/2	SW201/3	SW201/4
000000 – 0FFFFFFF	On	Off	Off	Off
100000 – 1FFFFFFF	Off	On	Off	Off
200000 – 2FFFFFFF	Off	Off	On	Off
300000 – 3FFFFFFF	Off	Off	Off	On
400000 – 4FFFFFFF	Off	Off	Off	Off
500000 – 5FFFFFFF	Off	Off	Off	Off
600000 – 6FFFFFFF	Off	Off	Off	Off
700000 – 7FFFFFFF	Off	Off	Off	Off

MEMORY ADDRESS SELECTION (CON'T)				
Address	SW201/5	SW201/6	SW201/7	SW201/8
000000 – 0FFFFFFF	Off	Off	Off	Off
100000 – 1FFFFFFF	Off	Off	Off	Off
200000 – 2FFFFFFF	Off	Off	Off	Off
300000 – 3FFFFFFF	Off	Off	Off	Off
400000 – 4FFFFFFF	On	Off	Off	Off
500000 – 5FFFFFFF	Off	On	Off	Off
600000 – 6FFFFFFF	Off	Off	On	Off
700000 – 7FFFFFFF	Off	Off	Off	On

MEMORY ADDRESS SELECTION				
Address	SW202/1	SW202/2	SW202/3	SW202/4
800000 – 8FFFFFFF	On	Off	Off	Off
900000 – 9FFFFFFF	Off	On	Off	Off
A00000 – AFFFFFFF	Off	Off	On	Off
B00000 – BFFFFFFF	Off	Off	Off	On
C00000 – CFFFFFFF	Off	Off	Off	Off
D00000 – DFFFFFFF	Off	Off	Off	Off
E00000 – EFFFFFFF	Off	Off	Off	Off
F00000 – FFFFFFFF	Off	Off	Off	Off

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# ZENITH DATA SYSTEMS

## Z-3300 SERIES

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MEMORY ADDRESS SELECTION (CON'T)				
Address	SW202/5	SW202/6	SW202/7	SW202/8
800000 – 8FFFFFF	Off	Off	Off	Off
900000 – 9FFFFFF	Off	Off	Off	Off
A00000 – AFFFFFF	Off	Off	Off	Off
B00000 – BFFFFFF	Off	Off	Off	Off
C00000 – CFFFFFF	On	Off	Off	Off
D00000 – DFFFFFF	Off	On	Off	Off
E00000 – EFFFFFF	Off	Off	On	Off
F00000 – FFFFFFF	Off	Off	Off	On