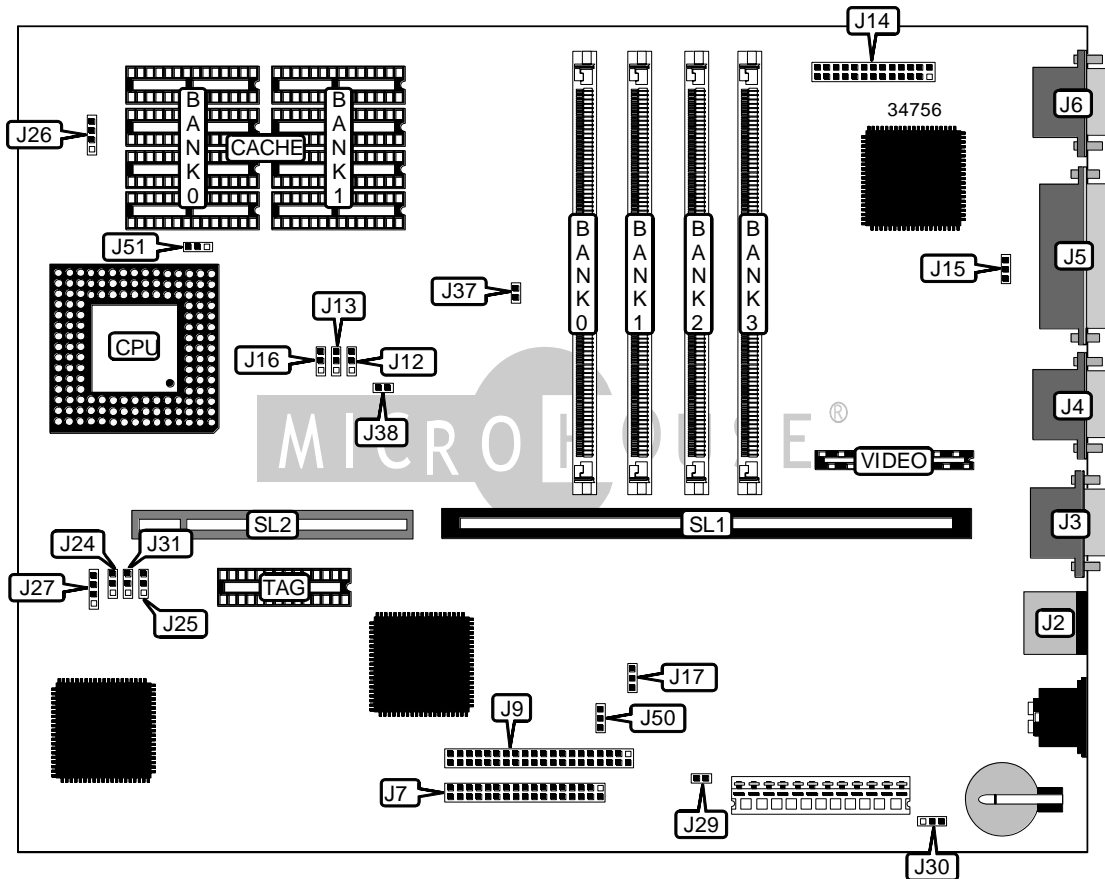


# IBM CORPORATION

## PS/1 TYPE 2133, 2155, 2168 (TYPE B1)

<b>Device Type</b>	Mainboard
<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2/ODP486
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	64MB
<b>Maximum Video Memory</b>	Unidentified
<b>Cache</b>	128/256KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slot, floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J2	IDE interface LED	J26
Serial port 1	J3	Speaker	J27
Serial port 2	J4	Power supply connector	J29
Parallel port	J5	Power supply connector	J30
VGA port	J6	Chassis fan power	J38
Floppy drive interface	J7	Riser slot	SL1
IDE interface	J9	32-bit VESA local bus slot	SL2
VGA feature connector	J14		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í On board video disabled	J15	Pins 1 & 2 closed
On board video enabled	J15	Pins 2 & 3 closed
í Factory configured - do not alter	J37	Unidentified
í Factory configured - do not alter	J50	Unidentified

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 1M x 36	(1) 256K x 36	None	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	None	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	None	None
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None	None
33MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION					
Size	J12	J13	J16	J17	J51
128KB	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
256KB	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

VIDEO MEMORY CONFIGURATION
Note: The size of the video memory is unidentified.

CPU TYPE SELECTION			
Type	J24	J25	J31
80486SX	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
80487SX	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
80486DX	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
80486DX2	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
ODP486	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed