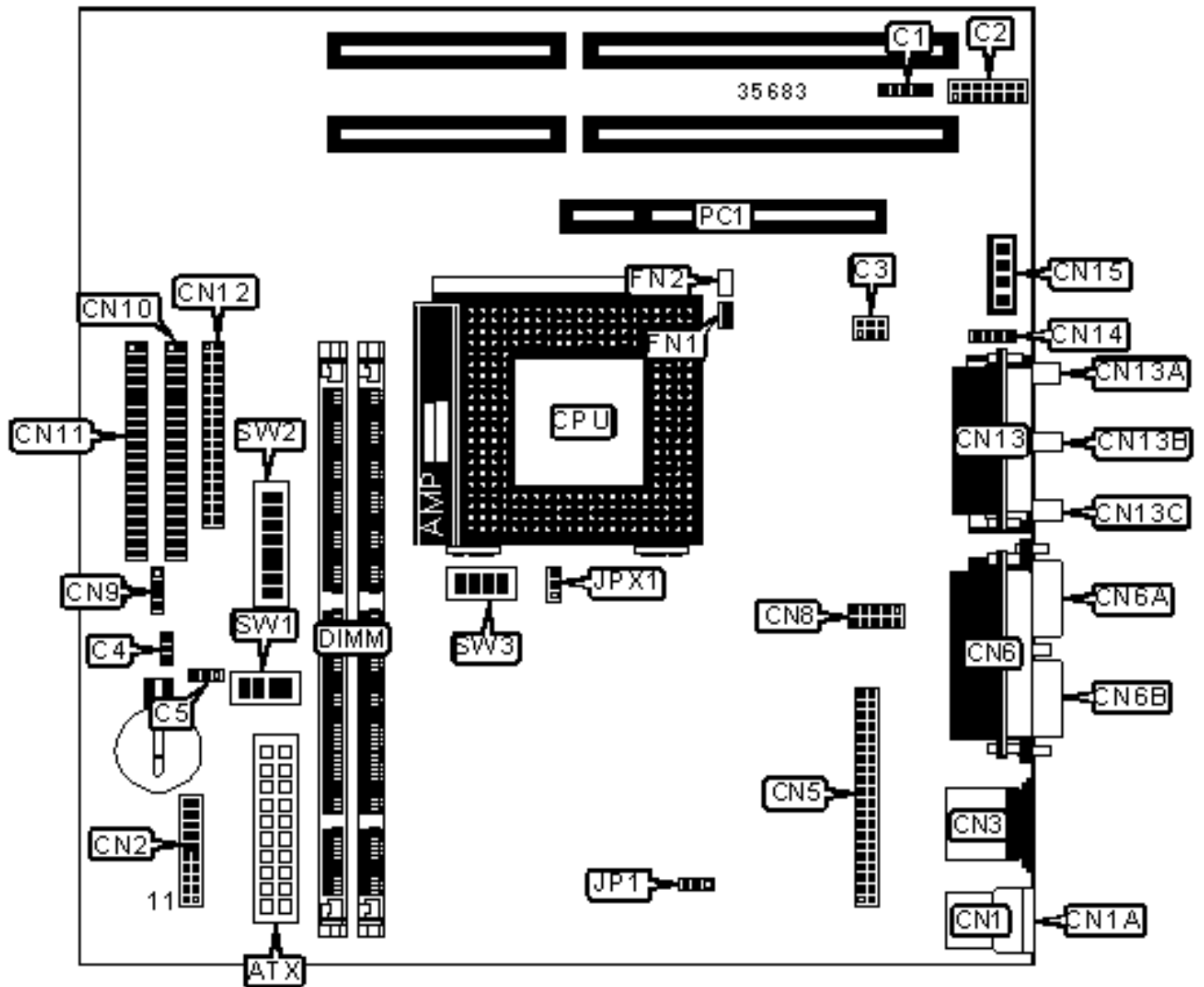


IBM CORPORATION

APTIVA 2153 SL-A

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Serial port 1	CN8
USB connector 1	CN1	Wake on modem connector	CN9
USB connector 2	CN1A	IDE interface 2	CN10
Power LED	CN2/pins 1 – 3	IDE interface 1	CN11
IDE interface LED	CN2/pins 4 – 7	Floppy drive interface	CN12
Reset switch	CN2/pins 8 & 9	Game/MIDI port	CN13
Soft off power supply	CN2/pins 10 & 20	Line in	CN13B
Turbo LED	CN2/pins 11 – 13	Line out	CN13C
IR connector	CN2/pins 14 - 19	Microphone in	CN13A
PS/2 mouse port	CN3	Modem connector	CN14
AMC connector	CN5	Audio in – CD-ROM	CN15
Parallel port	CN6	CPU fan power	FN1
VGA port	CN6A	32-bit PCI slot	PC1
Serial port 2	CN6B		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	C1	Unidentified
» Factory configured - do not alter	C2	Unidentified
» Factory configured - do not alter	C3	Unidentified
» Factory configured - do not alter	C4	Unidentified
» Factory configured - do not alter	C5	Unidentified
» Factory configured - do not alter	FN2	Unidentified
» VGA IRQ disabled	JP1	Pins 1 & 2 closed

	VGA IRQ enabled	JP1	Pins 2 & 3 closed
»	Hardware monitor disabled	SW1/1	Off
	Hardware monitor enabled	SW1/1	On
»	Password disabled	SW3/2	Off
	Password enabled	SW3/2	On

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64

192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.		

### CACHE CONFIGURATION

Note: 512KB cache is factory installed and is not configurable. The location is unidentified.

### VIDEO MEMORY CONFIGURATION

Note: 2/4MB video memory is factory installed and is not configurable. The location is unidentified.

### CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JPX1	SW1/2	SW1/3	SW1/4	SW2/1
266MHz	66MHz	4x	2 & 3	Off	On	Off	On
300MHz	66MHz	4.5x	2 & 3	Off	On	Off	On
300MHz	100MHz	3x	2 & 3	On	Off	Off	Off
350MHz	100MHz	3.5x	2 & 3	On	Off	Off	Off

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K6-2, CON'T)

CPU speed	Clock speed	Multiplier	SW2/2	SW2/3	SW3/1	SW3/3	SW3/4
266MHz	66MHz	4x	Off	On	On	Off	Off
300MHz	66MHz	4.5x	On	On	On	Off	Off
300MHz	100MHz	3x	On	Off	On	On	On
350MHz	100MHz	3.5x	Off	Off	On	On	On

### CPU SPEED SELECTION (AM K6-S)

CPU speed	Clock speed	Multiplier	JPX1	SW1/2	SW1/3	SW1/4	SW2/1
300MHz	66MHz	4.5x	1 & 2	Off	On	Off	On
Note: Pins designated should be in the closed position.							

<b>CPU SPEED SELECTION (AM K6-S, CON'T)</b>							
CPU speed	Clock speed	Multiplier	SW2/2	SW2/3	SW3/1	SW3/3	SW3/4
300MHz	66MHz	4.5x	On	Off	On	Off	Off

<b>CPU VOLTAGE SELECTION</b>					
Voltage	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
2.2v	Off	Off	Off	On	Off
2.3v	Off	Off	Off	On	On
2.8v	Off	On	Off	Off	Off
2.9v	Off	On	Off	Off	On
3.2v	Off	On	On	Off	Off
3.3v	Off	On	On	Off	On