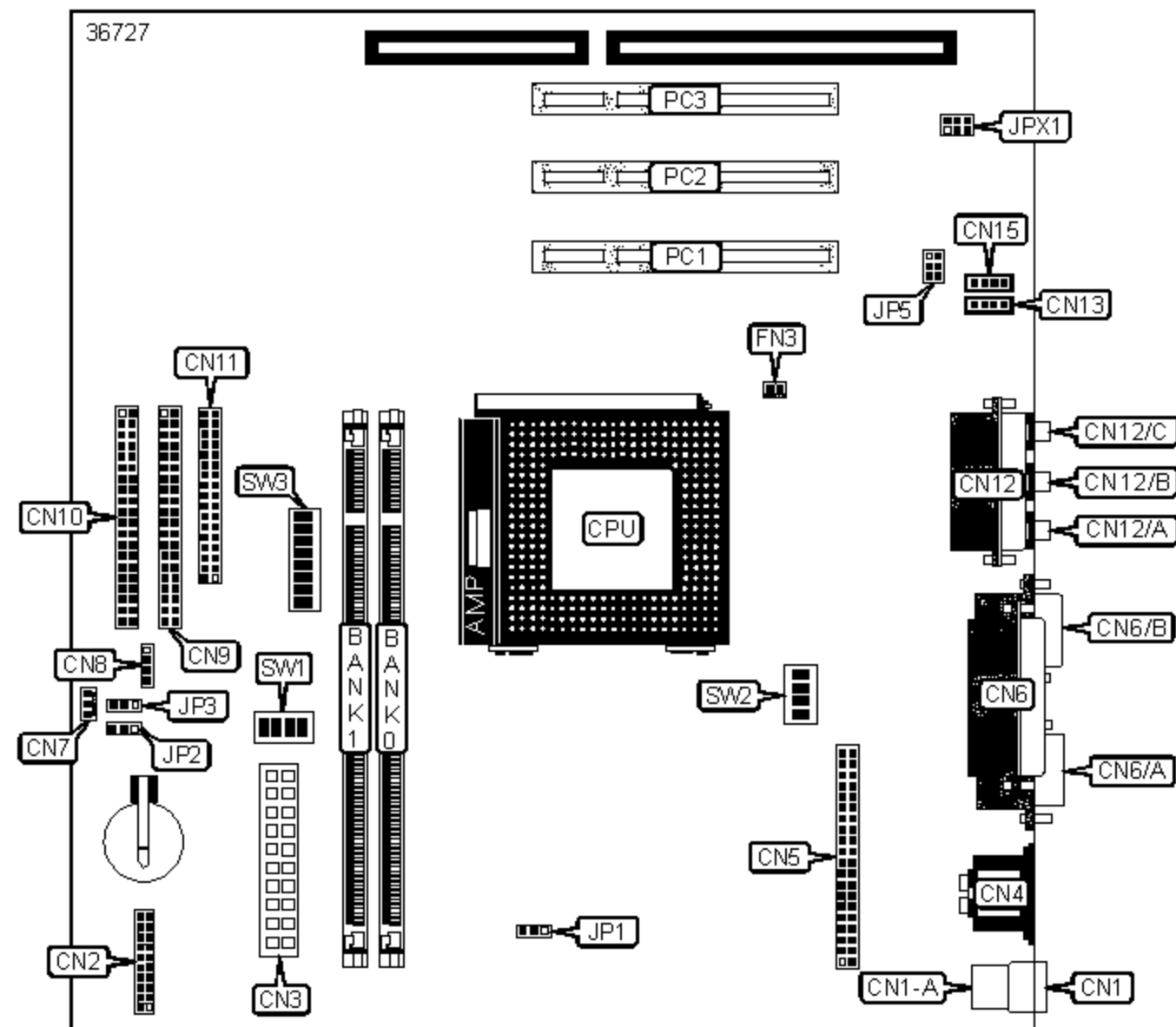


# IBM CORPORATION

## APTIVA 2158 SL-A

<b>Device Type</b>	Mainboard
<b>Processor</b>	AM K6-2
<b>Processor Speed</b>	333/350MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	256MB (SDRAM supported)
<b>Maximum Video Memory</b>	8MB
<b>Cache</b>	512KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	Unidentified
<b>I/O Options</b>	32-bit PCI slots (3), ATI multimedia connector, ATX power connector, audio in - CD/DVD, floppy drive interface, game/MIDI port, IDE interfaces (2), IR connector, line in, line out, microphone in, modem voice line-in, parallel port, PS/2 mouse port, serial port, USB ports (2), VGA video port, Wake-on-LAN connector, Wake-on-modem connector



### CONNECTIONS

Purpose	Location	Purpose	Location

USB port 1	CN1	Wake-on-LAN connector	CN7
USB port 2	CN1/A	Wake-on-modem connector	CN8
Power LED	CN2/Pins 1 - 3	IDE interface 2	CN9
IDE interface LED	CN2/Pins 4 - 7	IDE interface 1	CN10
Reset switch	CN2/Pins 8 & 9	Floppy drive interface	CN11
Power switch	CN2/Pins 10 & 20	Game/MIDI port	CN12
IR connector (reserved)	CN2/Pins 14 - 19	Line out	CN12/A
Turbo LED connector (reserved)	CN2/Pins 11 - 13	Line in	CN12/B
ATX power connector	CN3	Microphone in	CN12/C
PS/2 mouse port	CN4	Modem voice line-in	CN13
ATI multimedia connector	CN5	Audio in - CD/DVD	CN15
Parallel port	CN6	CPU fan power	FN3
VGA video port	CN6/A	32-bit PCI slots	PC1 - PC3
Serial port	CN6/B		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	VGA interrupt disabled	JP1	Pins 1 & 2 closed
	VGA interrupt enabled	JP1	Pins 2 & 3 closed
»	Wake-on LAN signal trigger level active high	JP2	Pins 2 & 3 closed
	Wake-on LAN signal trigger level active low	JP2	Pins 1 & 2 closed
»	Floppy drive LED disabled	JP3	Pins 2 & 3 closed
	Floppy drive LED enabled	JP3	Pins 1 & 2 closed
»	Factory configured - do not alter	SW1/1	Unidentified
»	Factory configured - do not alter	SW2/1	Unidentified

### DIMM CONFIGURATION

Size	Bank 0	Bank 1

16MB	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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: PC-100 DIMM (SDRAM) modules are supported.		

<b>AUDIO AMPLIFICATION SELECTION</b>		
<b>Setting</b>	<b>JP5</b>	<b>JPX1</b>
» Amplified audio line-out signal type	Pins 3 & 5, 4 & 6 closed	Pins 3 & 5, 4 & 6 closed
Audio line-out signal type	Pins 1 & 3, 2 & 4 closed	Pins 1 & 3, 2 & 4 closed

<b>CPU SPEED SELECTION (AM K6-2)</b>							
<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>SW1/2</b>	<b>SW1/3</b>	<b>SW1/4</b>	<b>SW2/3</b>	<b>SW2/4</b>
333MHz	95MHz	3.5x	On	Off	Off	Off	On
350MHz	100MHz	3.5x	Off	Off	Off	On	On

**CPU SPEED SELECTION (AM K6-2) CONTINUED**

CPU speed	Clock speed	Multiplier	SW3/1	SW3/2	SW3/3
333MHz	95MHz	3.5x	Off	Off	Off
350MHz	100MHz	3.5x	Off	Off	Off

PASSWORD SELECTION	
Setting	SW2/2
» Check	On
Bypass	Off

CPU CORE VOLTAGE SELECTION						
Setting	SW3/4	SW3/5	SW3/6	SW3/7	SW3/8	
» 2.2V	Off	Off	Off	On	Off	
2.3V	Off	Off	Off	On	On	
2.4V	Off	Off	On	Off	Off	
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	

CACHE CONFIGURATION
Note: 512KB cache is fixed onboard.