

3 . Power Consumption

Platform Information:

PCB Model & Version	SBC-776 Rev.A0.3
CPU Type & FSB	Pentium III 750/ 100
Memory Type	NEC D4564841G5-A10-9JF/ PC-100/ 128MB
Floppy	MITSUMI D353M3
Backplane	BP-214SG-P4 Rev.A1.0
Riser Card	N/A
VGA Card & Driver Version	OnBoard Intel 82815 Ver.4.13.01.2732
Power Supply	SYNNEX AX2-5250F

A. Operating System Environment :

DOS 6.22	Config.sys	Device=c:\dos\himem.sys dos=high,umb files=35 Buffers=40
	Autoexec.bat	Prompt \$p\$g C:\dos\smartdrv.exe /x

Test Software (DOS Mode):

Test Software	Landmark Speed V.2.0(Speed200.exe)
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Test Result:

Mode Type	CPU TYPE			Note
	Pentium III 933MHz/133	Pentium III 750MHz/100	Celeron 500MHz/66	
Normal Mode(+5V)	4.72 A	3.80 A	4.25 A	
Suspend Mode(+5V)	1.06 A	0.93 A	1.02 A	
Normal Mode(+12V)	0.21 A	0.20 A	0.20 A	
Suspend Mode(+12V)	0.10 A	0.09 A	0.10 A	
Normal Mode(+3.3V)	2.47 A	2.39 A	2.35 A	
Suspend Mode(+3.3V)	2.35A	2.25A	2.23A	

A. Power Margin Test: Play VCD in Win 98 O.S.

Test Point:

1.Play VCD 10 Minutes.

Voltage	Low/ High Voltage 110 V / 220 V	Actual Voltage		Result				Note
		110 V	220 V	110V		220V		
				Pass	Fail	Pass	Fail	
5 V	4.75 V	4.81 V	4.81 V	✓		✓		
	5.25 V	5.32 V	5.33 V	✓		✓		
3.3V	3.135V	3.32 V	3.32 V	✓		✓		
	3.465V	3.32 V	3.32 V	✓		✓		
12 V	11.4 V	11.57 V	11.56 V	✓		✓		
	12.6 V	12.76 V	12.74 V	✓		✓		