

3 . Power Consumption

Platform Information:

PCB Model & Version	Gene-5310 Rev.0.2
CPU Type & FSB	Tillamook BGA MMX 266
Memory Type	NECD4564163G5-A10-9JF / PC100 / 64MB
Backplane	N/A
DOC	Compact Flash ☐ 4MB ☐ 8MB ☐ 16MB ☐ 24MB ☒ 340MB
Power Supply	Seasonic SSG-250G 250W AT Power
VGA Card & Driver Version	On Board TridentCyber Blade i7 AGP

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				Current
	Tillamook BGA MMX 266	N/A	N/A	N/A	
Normal Mode(+5V)	2.38				Amp/Max
Suspend Mode(+5V)	1.58				Amp/Max
Normal Mode(+12V)	0.07				Amp/Max
Suspend Mode(+12V)	0.07				Amp/Max
Normal Mode(+3.3V)	N/A				Amp/Max
Suspend Mode(+3.3V)	N/A				Amp/Max

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

Test Point:

1. Play VCD 10 Minutes.

Power Supply :

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	4.82 V	4.82 V	V		V		
	5.25 V	5.30 V	5.30 V	V		V		
3.3V	3.135V	V	V					N/A
	3.465V	V	V					N/A
12 V	11.4 V	11.58 V	11.57 V	V		V		
	12.6 V	12.71 V	12.70 V	V		V		