

# ATRF Test Report

Release No : 07P090009

Product Model	<b>AEC-6850</b>			
Description	<b>Embedded Control PC</b>			
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : GENE-8310 Rev:A1.1 <input checked="" type="checkbox"/> BIOS : AEC-6850 BIOS:1.2 (02/23/2006)  <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> North Bridge: Intel 82852GM(E) <input checked="" type="checkbox"/> South Bridge: Intel ICH4 / FW82801DB / F403IA40 / SL6DM <input checked="" type="checkbox"/> Audio Chipset: Realtek ALC655 / 3B190T1 / 348D <input checked="" type="checkbox"/> Ethernet Chipset: Intel / DA82562ET <input checked="" type="checkbox"/> I/O Chipset: ITE / IT8712F-A <input checked="" type="checkbox"/> TV Chipset: CHRONTEL / CH70009A-T  <input checked="" type="checkbox"/> Remark : Power Consumption Test Report By ATRF			
<b>Test Result Summary</b>				
	Critical	Major	Minor	Enhancement
Defect Found	0	0	0	0
Defect Unsolved	0	0	0	0
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____				

2006/09/19

Wenyuan Yang

Liping Hsieh

Issue date

Manager

Test Engineer

Platform Information:

Item	Device Information	Test Item
PCB Model / Version	GENE-8310 Rev:A1.1	1
BIOS / Version	AEC-6850 BIOS Rev:1.2 (02/23/2006)	1
CPU Type	Intel / Celeron M 1.3GHz (100x13.0)	1
Memory Type	DSL /512MB / DDR-333MHz / ELPIDA / D5116AFTA-6B-E	1
Primary IDE Master	HITACHI / DK228A-65 / 6.5Gb	1
Primary IDE Slave	N/A	N/A
CRT	ViewSonic E70 /17 “	1
Operating System	<input type="checkbox"/> Linux-RedHat 9.0 or <input type="checkbox"/> Fedora Core 4.0	N/A
	Windows Server 2003 English Version / Standard Edition 5.2.3790	N/A
	Windows XP Professional English Version V2002 Service Pack 2	1
	Windows 2000 Professional English Version V5.00.2195 Service Pack 4	N/A
	Windows 98SE English Version V4.10.2222A	N/A
	Windows NT Workstation 4.0 English Version Service Pack6	N/A
	MS-DOS 6.22	N/A
Power Supply	DC Power Supply : TOPWARD / P6303D	1

# 1. Power Consumption Test

## Test Equipment:

Equipment	AC/DC Clamp Meter
Manufacturer	PROVA
Model name	CM-01
Standard	Reference to CE EN 61010 Test Procedure
	Reference to UL Test Procedure

## Equipment Certified Calibration:

Calibrated Company	IPE (儀寶)
S/N	00004072 (DM215)
Report No	6118P016
Calibration Date	19, January, 2006
Next Calibration Date	18, January, 2007
Test By	Mick

- Test Point:
1. Power on machine and boot into Windows environment
  2. Run test software: Prime95 & Burnin test V4.0 to make system heavy loading in order to measure its maximum current
  3. Use Prova EN61010(set as 40A) to measure each current of system different mode

Test Environment	DC Power Supply : TOPWARD / P6303D		Note
Model	CPU: Intel Celeron M 1.3GHz		
Os Environment	WinXP Pro		
Normal Mode (12V)	1.87	A	
Normal Mode (24V)	1.02	A	
Normal Mode (30V)	0.93	A	