

QE Product Certification Report

Release No : 08I010006

Product Model	ARC-615M
Description	1U Motherboard Rack Mounting Chassis
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> System : ARC-615M <input checked="" type="checkbox"/> M/B : FWB-880 A10 <input checked="" type="checkbox"/> BIOS : FWB-880/FWS-825 BIOS Rev 1.1 (11/30/2005) <input checked="" type="checkbox"/> M/B Chipset : <input checked="" type="checkbox"/> North Bridge : Intel 945G <input checked="" type="checkbox"/> South Bridge : Intel 82801FB(ICH7) <input checked="" type="checkbox"/> VGA Chipset : Intel 945G <input checked="" type="checkbox"/> Audio Chipset : N/A <input checked="" type="checkbox"/> Ethernet Chipset : RJ-45 X1 Intel 82562EZ <input checked="" type="checkbox"/> I/O Chipset : Winbond W83627EHF <input checked="" type="checkbox"/> Remark : ARC-615M (Chassis) P5 Test Report
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

2008/03/13

Issue date

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Manager

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Test Engineer

Platform Information:

System Model (Chassis)	ARC-615M
PCB Model / Version	FWB-880 A1.0
BIOS	FWB-880/FWS-825 BIOS Rev 1.1 (11/30/2005)
Operating System	Windows XP Professional English Version V2002 Service Pack 2
CPU	Intel(R) Pentium(R) 4 3.6GHz
Memory	DDR667 DDR2 512MB (ELPIDA E5108ABG-6E-E) X 2
Primary IDE Master	N/A
Primary IDE Slave	TEAC CD-224E-R 1.CA
SATA HDD	Seagate ST380815AS 80GB X 2
CRT	ViewSonic E70
LCD	N/A
Compact Flash	N/A
I/O Board	N/A
Riser Card	N/A
Backplane	N/A
Chipset Software	Intel Chipset Software Installation Utility 7.2.1.1003
Onboard Graphics Media	Intel 82945G Express Chipset Family 6.14.10.4363(7/19/2005)
Onboard LAN Driver	Intel(R) PRO/100 VE Network Connection 8.0.19.0(3/14./2005)
Onboard Audio Driver	N/A
Onboard RAID Driver	N/A
Touchscreen Driver	N/A
Power Supply	ATX Power: T-Win SP-1S400EP,AC input:100~240V 60-50Hz 8.5A

1. OS Installation Test

Install OS to []IDE [X]SATA HDD:

Installation	Result			Note
	Pass	Fail	N/A	
Windows XP Professional English Version V2002 Service Pack 2 ACPI Mode	X			Install OS from TEAC CD-224E-R 1.CA
Windows XP Professional English Version V2002 Service Pack 2 APM Mode			X	

2. Front Panel Test

Front Panel Test	Result			Note
	Pass	Fail	N/A	
Power ON/OFF Switch	X			
Reset Button	X			
Power LED	X			
HDD LED	X			
LAN 1 LED	X			
LAN 2 LED			X	FWB-880 only one LAN port.
USB Port	X			USB 2.0 Flash Disk check

3. 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	7C21P566
Calibration Date	Jan. 14, 2008
Next Calibration Date	Jan. 13, 2009
Test By	Mick

- Test Point: 1. Power on machine and boot into Windows environment
 2. Run test software: Prime95 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

Model	Test Environment	ATX Power: T-Win SP-1S400EP, AC input: 100~240V 60-50Hz 8.5A		AT Power:		Note
		CPU: Intel(R) Pentium(R) 4 3.6GHz	CPU:	CPU:	CPU:	
OS Environment	Windows XP Professional English Version V2002 Service Pack 2					
Normal Mode (+5V)	5.90	A	A	A	A	
Suspend Mode (+5V)	5.13	A	A	A	A	
5VSB in Power Off Mode (just for ATX)	0.32	A	A	-----	-----	A
5VSB in Power On Mode (just for ATX)	0.11	A	A	-----	-----	A
Normal Mode (+12V)	7.03	A	A	A	A	
Suspend Mode (+12V)	5.24	A	A	A	A	
Normal Mode (+3.3V) (just for ATX)	3.43	A	A	-----	-----	A
Suspend Mode (+3.3V) (just for ATX)	2.74	A	A	-----	-----	A
Normal Mode (-12V)	0.09	A	A	A	A	
Suspend Mode (-12V)	0.08	A	A	A	A	
Normal Mode (-5V)	0.05	A	A	A	A	
Suspend Mode (-5V)	0.05	A	A	A	A	