



**AAEON Technology INC.**  
ISO-9001/ISO-14001 Certified  
Industrial Automation PCs

# Product Verification Report

Report No : 04P010027

Product Model	<b>ARC-620</b>
Product Description	<b>2U Rack Mounting Chassis</b>
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> Case Model : ARC-620 <input checked="" type="checkbox"/> Backplane PCB Model & Version: BP-206VG-P4 REV:.A1.0 <input checked="" type="checkbox"/> bundle Main board PCB Model & Version:SBC-860 REV:A1.2  <input type="checkbox"/> Renew product <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS:  <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS:

2004-08-05

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Issue date

Manager

Test Engineer

## Test Result for Verification

<b>Platform 1 Information</b>	
PCB Model & Version	SBC-860 REV:A1.2
Backplane PCB Model & Version	BP-206VG-P4 REV:.A1.0
BIOS Version	SBC-860 BIOS Rev 1.2 (04/14/2004)
CPU Type & FSB	Intel Pentium (R) 4 / 2.4 GHz (133x8.0) [IN-200317]
Memory Type	Kingston / D328DL-60 / DDR-266 / 512MB [ RR-200310 ]
Primary IDE Master	Western Digital / WD120BB-00FTA0 / ATA-100 / 120GB [ ID-200408 ]
Primary IDE Slave	TEAC / CD-540E / ATA-33 / 40X
Power Supply	<input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX Type: Seventeam ST-302HLP / 300W

<b>Operation System Compatible Test</b>	<b>Result</b>
Install Windows 2000 professional English version /5.00.2195 with service pack 4	Pass
<b>Device outlet / inlet test</b>	<b>Result</b>
ATX Power	Pass
CD-ROM	Pass
HDD	Pass;Note <sup>1</sup>
FDD	Pass
<b>Backplane Function: Plug in / Pull out test</b>	<b>Result</b>
PCI Slot1 : LAN card / 3COM / 3C905C-TXM [ NW-016 ]	Pass
PCI Slot2 : LAN card / D-LINK / DFE-500TX [ NW-007 ]	Pass
PCI Slot3 : Sound card / LEMEL / SC3000 [ SC-001]	Pass
CPCI1 Slot : Full-Size CPU card / SBC-860-A12	Pass;Note <sup>2</sup>
Power Connector <input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX	Fail <sup>1</sup>
<b>Backplane Function: full loading for install O.S. test</b>	<b>Result</b>
PCI Slot1 / LAN card / 3COM / 3C905C-TXM [ NW-016 ]	Pass
PCI Slot2 / LAN card / D-LINK / DFE-500TX [ NW-007 ]	Pass
PCI Slot3 / Sound card / LEMEL / SC3000 [ SC-001]	Pass
CPCI1 Slot / Full-Size CPU card / SBC-860-A12	Pass
Power Connector <input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX	Pass
<b>Front Panel Test</b>	<b>Result</b>
Power Switch test	Pass
Reset Switch test	Fail <sup>2</sup>
Power LED test ( <input checked="" type="checkbox"/> Green )	Pass
HDD LED test ( <input checked="" type="checkbox"/> Red )	Pass
Lockable front-panel door	Pass
Speaker test	Pass
Front FAN test	Pass
<b>Rear Panel Test</b>	<b>Result</b>
Integrate test	Pass

<b>Result Summary</b>	
<b>Fail<sup>1</sup></b>	The fan of ATX Power Supply is too closed to top cover ,hence we can't check the fan is working or not , please see Fig.1
<b>Fail<sup>2</sup></b>	Wrong description was showed on the adaptor PCB of the front side LED indication panel; "Power LED" was showed to "Reset".
<b>Note<sup>1</sup></b>	The CF card of SBC-860 will conflict with the chassis when CF card is used.
<b>Note<sup>2</sup></b>	The HDD device is too close with IDE bracket ,please see Fig.2

Fig.1



