



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

Product Verification Report

Report No : 04I010006

Product Model	ARC-640
Product Description	4U Rack Mounting Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> Case Model :ARC-640 <input checked="" type="checkbox"/> Backplane PCB Model & Version: BP-214SG-P4 REV:..A1.1 <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:

2004-09-30

Wenyuan Yang

Andrew Ku

Issue date

Manager

Test Engineer

Test Result for Verification

Platform 1 Information	
PCB Model & Version	SBC-860 REV:A1.2
Backplane PCB Model & Version	BP-214SG-P4 REV.:A1.1
BIOS Version	SBC-860 BIOS Rev 1.2 (04/14/2004)
CPU Type & FSB	Intel Celeron (R) 4 / 2.4 GHz (100x24.0)
Memory Type	Hynix / HY5DU56822CT-D43 / DDR-400 / 256MB
Primary IDE Master	Seagate / ST34321A / ATA-33 / 4 GB
Primary IDE Slave	ASUS / CD-S400/A / ATA-33 / 40X
Power Supply	<input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX Type: FSP / ATX-300GU / 300W

Operation System Compatible Test	Result
Install Windows 2000 professional English version /5.00.2195 with service pack 4	Pass
Device outlet / inlet test	
ATX Power	Pass
CD-ROM	Pass
HDD	Pass
FDD	Pass
Backplane Function: Plug in / Pull out test	
PCI Slot1 : Sound card / LEMEL / SC3000 [SC-001]	Pass
PCI Slot2 : VGA card / ATI / RADEON VE [VC-200202]	Pass
PCI Slot3 : LAN card / 3COM / 3C905C-TXM [NW-016]	Pass
PCI Slot4 : SCSI card / ADAPTEC / ASC-29160/CN KIT [SS-200201]	Pass
CPCI1 Slot : Full-Size CPU card / SBC-860-A12	Pass
ISA3 Slot : LAN card / 3Com / 3C509B [NW-001]	Pass
ISA4 Slot : SCSI card / AHA / 1520B [SS-002]	Pass
ISA3 Slot : LAN card / 3Com / 3C509B [NW-001]	Pass
CPCI Slot : Full-Size CPU card / SBC-860-A12	Pass
Power Connector <input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX	Pass
Backplane Function: full loading for install O.S. test	
PCI Slot1 : Sound card / LEMEL / SC3000 [SC-001]	Pass
PCI Slot2 : VGA card / ATI / RADEON VE [VC-200202]	Pass
PCI Slot3 : LAN card / 3COM / 3C905C-TXM [NW-016]	Pass
PCI Slot4 : SCSI card / ADAPTEC / ASC-29160/CN KIT [SS-200201]	Pass
CPCI1 Slot : Full-Size CPU card / SBC-860-A12	Pass
ISA3 Slot : LAN card / 3Com / 3C509B [NW-001]	Pass
ISA4 Slot : SCSI card / AHA / 1520B [SS-002]	Pass
ISA3 Slot : LAN card / 3Com / 3C509B [NW-001]	Pass
CPCI Slot : Full-Size CPU card / SBC-860-A12	Pass
Power Connector <input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX	Pass

Front Panel Test	Result
Power Switch test	Pass
Reset Switch test	Pass
Power LED test (■ Green)	Pass
HDD LED test (■ Red)	Pass
Speaker test	Pass
Front FAN test	Pass
Rear Panel Test	Result
Integrate test	Pass