



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

Product Verification Report

Report No : 04P010016_I

| | |
|---------------------|---|
| Product Model | ARC-645 |
| Product Description | 4U Rack Mounting Chassis |
| Test Reason | <input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> Case Model : ARC-645 <input checked="" type="checkbox"/> Backplane PCB Model & Version: <input checked="" type="checkbox"/> bundle Main board PCB Model & Version:SBC-860 REV:A1.1 <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: |

2004-09-03

Wenyuan Yang

TimothyCheng

Issue date

Manager

Test Engineer

Test Result for Verification

| Platform 1 Information | |
|-------------------------------|--|
| PCB Model & Version | SBC-860 REV.A1.1 |
| Backplane PCB Model & Version | BP-214SG-P4 REV:A1.1 |
| BIOS Version | SBC-860 BIOS Rev 1.2 (03/17/2004) |
| CPU Type & FSB | Intel Celeron (R) 2.4G (100x24.0) |
| Memory Type | Transcend / Samsung / K4H560838E-TCC /DDR333 / 512MB |
| Primary IDE Master | Seagate / ST33221A / ATA-33 / 3.2GB |
| Primary IDE Slave | BENQ / 652A-6N4 / ATA-33 / 52X |
| Power Supply | <input type="checkbox"/> AT <input checked="" type="checkbox"/> ATX Type: Sevenream / ST-300BLP / 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 | Result |
| PCI1 : LAN card / D-Link DFE-500TX [NW-007] | Pass |
| PCI2 : LAN card / D-Link DFE-530TX [NW-034] | Pass |
| PCI3 : Sound card / LEMEL / SC3000 [SC-001] | Pass |
| PCI4 : SCSI card / ADAPTEC / ASC-29160/CN KIT [SS-200201] | Pass |
| ISA1 : LAN card / Realtek RTL8019AS | Pass |
| ISA2 : Full-Size CPU card / SBC-860-A11 | Pass |
| ISA3 : LAN card / Realtek RTL8019AS | Pass |
| ISA4 : Full-Size CPU card / SBC-860-A11 | Fail¹ |
| ISA5 : MPEG card / LEMEL MPEG DECODER MPG256V REV:3.1 [VC-016] | Pass |
| ISA6 : VGA card / ET-4000 W32I [VC-015] | Pass |
| ISA7 : LAN card / DAVICOM / DM9W8T | Pass |
| ISA8 : LAN card / 200-5034 Ether16 10BASE-T [NW-005] | Pass |
| ISA9 : LAN card / 3COM 3C509B [NW-001] | Pass |
| ISA10 : LAN card / Intel 82559 | 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 |
| Lockable front-panel door | Pass |
| Front FAN | Pass |
| Rear Panel Test | Result |
| Integrate test | Pass |

Result Summary
Fail¹ The CPU card is too close with the ISA card , Please see Fig.1

Fig. 1

