Product Certification Report

Report No. SBC-659-R-01

Product Model	SBC-659
Product description	FC/Socket 370 Half-size CPU Card with LCD,Dual Ethernet,Audio,AGP 2X Cpmpact Flash,& USB Ports
Test reason	☐**New product** 　☐**PCB :** 　☐**BIOS:** ☑**Renew product** 　☑**PCB : SBC-659 Rev A0.3** 　☑**BIOS: SBC-659 BIOS Rev 1.0 (04/17/2001)** ☐ **Revision change** 　☐**PCB :** 　☐**BIOS:** 　☐**Component:**

_2001-05-04_	_Jason Ho_	_Wenyuan Yang_	_Ryan Cheng_
Issue date	Manager	Assistant Manager	Test Engineer

Test result for certification

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Under Temperature 0℃~60℃ for 48hours)	Pass
Audio Play For Sound Codec Chipset Burn-In Test . (Under Temperature 0℃ & 60℃ 2hours)	Pass
LAN Chipset Burn_In Test. (Under Temperature 0℃ and 60℃ for 2hours)	Pass
Boot_Up Burn_In Test . (Under Temperature 0℃~60℃ 24hours)	Pass
Boot_Up Burn_In Test .(Under Room Temperature 24hours)	Pass
BIOS Function Test	**Result**
Y2K Test	Pass
Standard CMOS Setup Test	Pass
Boot Sequence Test	Pass
APM Power Manager Test	**Pass; Note[1]**
ACPI Power Manager Test	Pass
Power On Function Test	Pass
Wake Up Event Test	Pass
CMOS Backup Test	Pass
Boot ROM Test	Pass
COM Address/IRQ Test	Pass
LPT Address /IRQ Test	Pass
Hardware Monitor Test	Pass
Operation System Compatible Test	**Result**
Linux Red Hat 7.0 Kernel Version: 2.2.16-22	Pass
Novell Network V4.11	**Fail[1]**
Windows 95 English version: 4.00.950B	Pass
Windows 98SE English version: 4.10.2222A	Pass
Windows 98ME English version: 4.90.3000	Pass
Windows NT workstation 4.0 English version: 4.00.1381 with service pack 6	Pass
Windows 2000 professional English version: 5.00.2195	Pass
Windows 2000 Advanced Server English version: 5.00.2195	Pass
DOS 6.22 and DOS Utility Compatibility Testing	Pass
CPU Compatible Test	**Result**
Pentium III 1G (133 FSB)	Pass
Pentium III 850 (100 FSB)	Pass
Pentium III 550 (100 FSB)	Pass
Celeron 766 (66 FSB) [.25u]	Pass
Celeron 533 (66 FSB) [.25u]	Pass
Memory Test – SORAM DIMM PC-133/100	**Result**
NEC – JAPAN D45128163G51 / PC-133 / SD-64M	Pass
Infineon HYB39S128800CT – 7.5 /PC-133 /SD-128M	Pass
NEC D4564163G5-A10-9JF / PC-100/SD-32M	Pass
NEC D45128841G5-A75-9JF / PC-133 /SD-128M	**Fail[2]**

HDD Compatible Test	Result
IBM DTLA-307045 / 46.1GB / ATA100	Pass
IBM DTLA-307075 / 76.8GB /ATA100	Pass
Seagate ST315320A / 15.3GB / ATA66	Pass
Seagate ST320413A / 20GB / ATA100	Pass
FUJITSU LIMITED MPC3043AT / 4.32GB / ATA33	Pass
CDROM / DVDROM Test	**Result**
SONY CDU4811 / 40X	Pass
TEAC CD-540E / 40X	Pass
Peripheral Storage Device Compatible test	**Result**
ZIP 100 [IDE]	Pass
LS 120 [IDE]	Pass
Compact Flash 340MB & 32MB	Pass
Peripheral Input Device Compatible test	**Result**
LEMEL 7932 Keyboard (USB)	Pass
Logitech M-BB48 Mouse (USB)	Pass
HP SJ4200C Scanner (USB)	Pass
HP Photo Smart P1000 (USB)	Pass
Tekcam Camera P35U (USB)	Pass
IOMEGA 100MB ZIP (USB)	Pass
D-Link DU-E10 Ethernet Adapter (USB)	Pass
D-Link DSB-H4/DU-H4 HUB (USB)	Pass
Industry Control Adapter Card Compatible Test	**Result**
AAEON PCM-3430 SCSI Module	Pass
Function Test	**Result**
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
On board Audio function	Pass
Ultra 66/ 100 Test	Pass
Floppy Disk Test	Pass
I/O Peripheral Test	Pass

Result Summary
Fail[1]   The Intel 82559 / 82562 LAN driver no support for Novell Netware v 4.11.
Fail[2]   Run NT HCT SystemStress system will crash and show blue screen.
Note[1]   The function test is ok, but the result always delays 40-55 seconds .