

Product Certification Report

Release No: 04P010011

Product Model	AEC-204 Ver.B
Product Description	4-Slot.Compact Industrial PC Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : HSB-660S Rev.A0.2 <input checked="" type="checkbox"/> BIOS: HSB-660S BIOS Rev.1.0 (08/22/2003) <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 : <input type="checkbox"/> Component : <input checked="" type="checkbox"/> Other Power Supply: Enhance ENP-1815 / 150W / (AT) Backplane : AAEON BP-204SS-P1-A11 (BP-204PSA Rev. A1.1)

2004-05-18
 Issue date

Wenyuan Yang
 Manager

Rex Chang
 Test Engineer

Test result for certification

Platform Information	
PCB Model & Version	HSB-660S Rev.A0.2
BIOS Version	1.0 (08/22/2003)
CPU Type & FSB	Intel Pentium / 1.4 GHz(133*10.5)
Memory Type	SEITEC / PM72V56841CT-6 / PC133 / 512MB
CRT Monitor Type	ViewSonic E655
Primary IDE Master	Maxtor Fireball 3 ATA/133 HDD / 40GB
Primary IDE Slave	Quanta Storage SCR-242

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Operating at 0 ~50 for 48 hours)	Pass
Cold Start Test. (Operating at 0 for 8 hours)	Pass
High Temperature Storage Test (Non-operating at 60 for 48 hours)	Pass
Low Temperature Storage Test (Non-operating at -20 for 48 hours)	Pass
Storage Humidity Test (Non-operating at 95%RH@40 for 48 hours)	Pass
Windows HCT 9.5 System Stress Test. (Operating at Room Temp. for 8hours)	Pass
Chassis Compatibility Verification Test	Result
Main Board & Chassis	Pass
Mechanical mounting hole	Pass
Bracket fabricate	Pass
Backplane / Riser Power Connector	Pass
CPU FAN Material No.	Pass
Adapter Card	Pass
Memory Test – SDRAM PC-133	Result
SEITEC / PM72V56841CT-6 / PC-133 / 512MB	Pass
HYNIX / HY75V28820HCT-H / PC-133 / 256MB	Pass
Transcend / MT 48LC16M16A2-75 / PC-133 / 128MB	Pass
CPU Compatible Test Chassis Compatibility Verification Test	Result
Pentium III 1.4G / 512 / 133 / 1.45V	Pass
Pentium III 850 / 256 / 100 / 1.75V	Pass
Celeron 566 / 128 / 66 / 1.75V	Pass
On Board Audio Function Test	Result
System Sound	Pass
Play CD_IN	Pass
Play Sound Recorder	Pass
Speaker Out	Pass
Line Out	Pass
Line In	Pass
Line In Sound Recorder	Pass
MIC Speaker – Dynamic / Condenser	Pass
MIC Sound Recorder – Dynamic / Condenser	Pass
Play VCD 10mins	Pass

SCSI Card Compatible Test	Result
ADAPTEC ASC-29160 (PCI bus)	Pass
AHA-1520B (ISA bus)	Pass
Function Test	Result
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
Peripheral Input Device Compatible Test	Result
Solidtek ACK-298 Keyboard (USB)	Pass
Logitech M-MJ58 Mouse (USB)	Pass
Miscellaneous Test	Result
Floppy Disk Controller	Pass
Primary IDE Master	Pass
Primary IDE Slave	Pass
PS2 Keyboard / Mouse	Pass
USB Ports Test	Pass
H/W Reset	Pass
HDD LED	Pass
Power LED	Pass
Operation System Compatible Test	Result
Windows 98 SE English (version: 4.10.2222A)	Pass
Windows NT4.0 Workstation English (version: 4.00.1381) With SP6	Pass
Windows 2000 Professional English (version: 5.00.2195) With SP4	Pass
Windows XP Professional English (version: 5.01.2462)	Pass

Product Certification Report

Release No: 04P010013

Product Model	AEC-204 Ver.B
Product Description	4-Slot.Compact Industrial PC Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB: SBC-657 Rev.A1.0 <input checked="" type="checkbox"/> BIOS: SBC-657 / HSB-657I BIOS Rev.1.3 (08/04/2003) <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: <input type="checkbox"/> Component: <input checked="" type="checkbox"/> Other Power Supply: MAGIC POWER MPD-8071-S / 72W / 24V (DC) Backplane: AAEON BP-204SS-P1-A11 (BP-204PSA Rev. A1.1)

2004-05-18
 Issue date

Wenyuan Yang
 Manager

Rex Chang
 Test Engineer

Test result for certification

Platform Information	
PCB Model & Version	SBC-657 Rev.A1.0
BIOS Version	SBC-657 / HSB-657I 1.3 (08/22/2003)
CPU Type & FSB	Onboard VIA C3 Eden / 667MHz(133*5.0)
Memory Type	HITACHI / HB52RF648DC-75B / PC133 SO-DIMM / 256MB
CRT Monitor Type	ViewSonic E70
Primary IDE Master	Maxtor Fireball 3 ATA/133 HDD / 40GB
Primary IDE Slave	Quanta Storage SCR-242

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Operating at 0 ~50 for 48 hours)	Pass
Cold Start Test. (Operating at 0 for 8 hours)	Pass
Chassis Compatibility Verification Test	Result
Main Board & Chassis	Pass
Mechanical mounting hole	Pass
Bracket fabricate	Pass
Backplane / Riser Power Connector	Pass
Adapter Card	Pass
Memory Test – PC-133 SO-DIMM	Result
HITACHI / HB52RF648DC-75B / PC-133 / 512MB	Pass
HITACHI / HB52RF648DC-75B / PC-133 / 256MB	Pass
ELPIDA / D45128841G5-A75-9JF / PC-133 / 128MB	Pass
CPU Compatible Test Chassis Compatibility Verification Test	Result
Onboard VIA C3 Eden 667MHz / 133	Pass
SCSI Card Compatible Test	Result
ADAPTEC ASC-29160 (PCI bus)	Pass
AHA-1520B (ISA bus)	Pass
Function Test	Result
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
Peripheral Input Device Compatible Test	Result
Solidtek ACK-298 Keyboard (USB)	Pass
Logitech M-MJ58 Mouse (USB)	Pass
Miscellaneous Test	Result
Floppy Disk Controller	Pass
Primary IDE Master	Pass
Primary IDE Slave	Pass
PS2 Keyboard / Mouse	Pass
USB Ports Test	Pass
H/W Reset	Pass
HDD LED	Pass
Power LED	Pass

Operation System Compatible Test	Result
Windows 98 SE English (version: 4.10.2222A)	Pass
Windows NT4.0 Workstation English (version: 4.00.1381) With SP6	Pass
Windows 2000 Professional English (version: 5.00.2195) With SP4	Pass
Windows XP Professional English (version: 5.01.2462)	Pass

Product Certification Report

Release No: 04P010014

Product Model	AEC-204 Ver.B
Product Description	4-Slot.Compact Industrial PC Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB: HSB-460I Rev.A1.0 <input checked="" type="checkbox"/> BIOS: HSB-460I BIOS Rev.1.0A (07/16/2003) <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: <input type="checkbox"/> Component: <input checked="" type="checkbox"/> Other Power Supply: Enhance ENP-1815 / 150W / (AT) Backplane: AAEON BP-204SI-A13 (BP-204 ISA Bus Backplan Rev.A1.3)

2004-05-18
 Issue date

Wenyuan Yang
 Manager

Rex Chang
 Test Engineer

Test result for certification

Platform Information	
PCB Model & Version	HSB-460I Rev.A1.0
BIOS Version	HSB-460I BIOS Rev.1.0A (07/16/2003)
CPU Type & FSB	Onboard VIA C3 Eden / 667MHz(133*5.0)
Memory Type	HYNIX / HY57V28820HCT-H / PC133 SDRAM / 256MB
CRT Monitor Type	ViewSonic E70
Primary IDE Master	Maxtor Fireball 3 ATA/133 HDD / 40GB
Primary IDE Slave	Quanta Storage SCR-242

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Operating at 0 ~50 for 48 hours)	Pass
Cold Start Test. (Operating at 0 for 8 hours)	Pass
Chassis Compatibility Verification Test	Result
Main Board & Chassis	Pass
Mechanical mounting hole	Pass
Bracket fabricate	Pass
Backplane / Riser Power Connector	Pass
Adapter Card	Pass
Memory Test – PC-133 SO-DIMM	Result
HYNIX / HY57V28820HCT-H / PC-133 / 256MB	Pass
Transcend / MT 48LC16M16A2-75 / PC-133 / 128MB	Pass
NEC / D4564841G5-A80-9JF / PC-100 / 128MB	Pass
CPU Compatible Test Chassis Compatibility Verification Test	Result
Onboard Geode GX1 / 300MHz	Pass
SCSI Card Compatible Test	Result
AHA-1520B (ISA bus)	Pass
LAN Card Compatible Test	Result
Intel PILA 8560 10/100 Mbps LAN Card	Pass
Function Test	Result
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
Peripheral Input Device Compatible Test	Result
Logitech M-MJ58 Mouse (USB)	Pass
Miscellaneous Test	Result
Floppy Disk Controller	Pass
Primary IDE Master	Pass
Primary IDE Slave	Pass
PS2 Keyboard / Mouse	Pass
USB Ports Test	Pass
H/W Reset	Pass

Operation System Compatible Test	Result
Windows 98 SE English (version: 4.10.2222A)	Pass
Windows NT4.0 Workstation English (version: 4.00.1381) With SP6	Pass

Product Certification Report

Release No: 04P010015

Product Model	AEC-204 Ver.B
Product Description	4-Slot.Compact Industrial PC Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB: HSB-460I Rev.A1.0 <input checked="" type="checkbox"/> BIOS: HSB-460I BIOS Rev.1.0A (07/16/2003) <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: <input type="checkbox"/> Component: <input checked="" type="checkbox"/> Other Power Supply: MAGIC POWER MPD-8071-S / 72W / 24V (DC) Backplane: AAEON BP-204SI-A13 (BP-204 ISA Bus Backplan Rev.A1.3)

2004-05-18
 Issue date

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 Manager

Rex Chang
 Test Engineer

Test result for certification

Platform Information	
PCB Model & Version	HSB-460I Rev.A1.0
BIOS Version	HSB-460I BIOS Rev.1.0A (07/16/2003)
CPU Type & FSB	Onboard VIA C3 Eden / 667MHz(133*5.0)
Memory Type	HYNIX / HY57V28820HCT-H / PC133 SDRAM / 256MB
CRT Monitor Type	ViewSonic E70
Primary IDE Master	Maxtor Fireball 3 ATA/133 HDD / 40GB
Primary IDE Slave	Quanta Storage SCR-242

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Operating at 0 ~50 for 48 hours)	Pass
Cold Start Test. (Operating at 0 for 8 hours)	Pass
Chassis Compatibility Verification Test	Result
Main Board & Chassis	Pass
Mechanical mounting hole	Pass
Bracket fabricate	Pass
Backplane / Riser Power Connector	Pass
Adapter Card	Pass
Memory Test – PC-133 SO-DIMM	Result
HYNIX / HY57V28820HCT-H / PC-133 / 256MB	Pass
Transcend / MT 48LC16M16A2-75 / PC-133 / 128MB	Pass
NEC / D4564841G5-A80-9JF / PC-100 / 128MB	Pass
CPU Compatible Test Chassis Compatibility Verification Test	Result
Onboard Geode GX1 / 300MHz	Pass
SCSI Card Compatible Test	Result
AHA-1520B (ISA bus)	Pass
LAN Card Compatible Test	Result
Intel PILA 8560 10/100 Mbps LAN Card	Pass
Function Test	Result
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
Peripheral Input Device Compatible Test	Result
Logitech M-MJ58 Mouse (USB)	Pass
Miscellaneous Test	Result
Floppy Disk Controller	Pass
Primary IDE Master	Pass
Primary IDE Slave	Pass
PS2 Keyboard / Mouse	Pass
USB Ports Test	Pass
H/W Reset	Pass

Operation System Compatible Test	Result
Windows 98 SE English (version: 4.10.2222A)	Pass
Windows NT4.0 Workstation English (version: 4.00.1381) With SP6	Pass

Product Certification Report

Release No: 04P010012

Product Model	AEC-204 Ver.B
Product Description	4-Slot.Compact Industrial PC Chassis
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB: SBC-657 Rev.A1.0 <input checked="" type="checkbox"/> BIOS: SBC-657 / HSB-657I BIOS Rev.1.3 (08/04/2003) <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: <input type="checkbox"/> Component: <input checked="" type="checkbox"/> Other Power Supply: Enhance ENP-1815 / 150W / (AT) Backplane: AAEON BP-204SS-P1-A11 (BP-204PSA Rev. A1.1)

2004-05-18
Issue date

Wenyuan Yang
Manager

Rex Chang
Test Engineer

Test result for certification

Platform Information	
PCB Model & Version	SBC-657 Rev.A1.0
BIOS Version	SBC-657 / HSB-657I 1.3 (08/22/2003)
CPU Type & FSB	Onboard VIA C3 Eden / 667MHz(133*5.0)
Memory Type	HITACHI / HB52RF648DC-75B / PC133 SO-DIMM / 512MB
CRT Monitor Type	ViewSonic E70
Primary IDE Master	Maxtor Fireball 3 ATA/133 HDD / 40GB
Primary IDE Slave	Quanta Storage SCR-242

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In Test. (Operating at 0 ~50 for 48 hours)	Pass
Cold Start Test. (Operating at 0 for 8 hours)	Pass
Chassis Compatibility Verification Test	Result
Main Board & Chassis	Pass
Mechanical mounting hole	Pass
Bracket fabricate	Pass
Backplane / Riser Power Connector	Pass
Adapter Card	Pass
Memory Test – PC-133 SO-DIMM	Result
HITACHI / HB52RF648DC-75B / PC-133 / 512MB	Pass
HITACHI / HB52RF648DC-75B / PC-133 / 256MB	Pass
ELPIDA / D45128841G5-A75-9JF / PC-133 / 128MB	Pass
CPU Compatible Test Chassis Compatibility Verification Test	Result
Onboard VIA C3 Eden 667MHz / 133	Pass
SCSI Card Compatible Test	Result
ADAPTEC ASC-29160 (PCI bus)	Pass
AHA-1520B (ISA bus)	Pass
Function Test	Result
On board LAN with 100 feet cable length	Pass
On board VGA function	Pass
Peripheral Input Device Compatible Test	Result
Solidtek ACK-298 Keyboard (USB)	Pass
Logitech M-MJ58 Mouse (USB)	Pass
Miscellaneous Test	Result
Floppy Disk Controller	Pass
Primary IDE Master	Pass
Primary IDE Slave	Pass
PS2 Keyboard / Mouse	Pass
USB Ports Test	Pass
H/W Reset	Pass
HDD LED	Pass
Power LED	Pass

Operation System Compatible Test	Result
Windows 98 SE English (version: 4.10.2222A)	Pass
Windows NT4.0 Workstation English (version: 4.00.1381) With SP6	Pass
Windows 2000 Professional English (version: 5.00.2195) With SP4	Pass
Windows XP Professional English (version: 5.01.2462)	Pass