

Mainboard Product Certification Report

Release No : 03P010210

Product Model	AMB-2000HT
Product Description	10.4" Industrial Fanless Panel PC
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : <input checked="" type="checkbox"/> BIOS: <input type="checkbox"/> Renew product <input type="checkbox"/> PCB : MBC-5410 Rev.A1.0 <input type="checkbox"/> BIOS: MBC-5410 BIOS Rev.1.0(04/15/2003) <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Component:

2003-08-25

Wayne Chen

Batty Ko

Issue date

A.V.P

Test Engineer

Test result for certification

Stability Test - Dynamic / Boot_UP Burn_In Test	Result
Dynamic Burn-In test. (VCD Play at 0 ~50 for 48hours)	Pass
Dynamic Burn-In test. (Cold Start Windows mode at 0 for 8hours)	Pass
Dynamic Burn-In test. (Power On/Off Operating at 0 for 8hours)	Pass
HiTemp. / Humidity Storage test	Pass
Timer Accuracy Test	Result
System clock accuracy of +/-5 sec per day.	Pass
RTC timer accuracy of +/-3 sec per day.	Pass
Network HUB / LAN Connects Test	Result
LAN1 HP J4095A 24Ports [100 / 10 Mbps]	998
LAN1 D-Link DES-1008 [100 / 10 Mbps]	999
LAN1 Accton DeskTop-3005 [100 / 10 Mbps]	998
CPU Compatible Test	Result
Cyrix Media GX With MMXs CPU at 300MHz	Pass
Memory Test – SDRAM PC-133/100	Result
NEC D45128163G5-A75-9JF / PC133 / 64MB	Pass
On Board Audio Function Test	Result
System Sound	Pass
Play CD_IN	Pass
Play Sound Recorder	Pass
Line Out	Pass
Line In	Pass
Line In Sound Recorder	Pass
MIC Speaker – Dynamic / Condenser	Pass
MIC Speaker Recorder – Dynamic / Condenser	Pass
USB Compatible Test	Result
CMOS Setting Test	Pass
Peripheral Storage Device Compatible test	Result
Compact Flash	Pass
On Board I / O Function Test	Result
COM Port Send-Receive Test	Pass
CheckIt 7.0 Portable Edition Test	Pass
BIOS Function Test	Result
Standard CMOS Setup Test	Pass
Boot Sequence Test	Pass
APM Power manager test	Pass
CMOS backup Test	Pass
COM Address/IRQ Test	Pass
LPT Address /IRQ Test	Pass
Supervisor / User Password Test	Pass
BIOS Awdflash Program Test	Pass

Performance Test –Cyril Media GX With MMX-S CPU at 300MHz, DRAM 128MB	Result
LandMark Speed 2.0 – CPU	1288.23
LandMark Speed 2.0 – FPU	3383.64
LandMark Speed 2.0 – VIDEO	21845.00
WinBench 99 V1.1- CPU mark99	7.52
WinBench 99 V1.1- FPU winmark	402
WinBench 99 V1.1- Business Graphic winmark99	30.2
WinBench 99 V1.1- High_end Graphic winmark99	86.3
Final Reality V1.01 BenchMark Test – 2D image	1.22
Final Reality V1.01 BenchMark Test – 3D	0.29
Final Reality V1.01 BenchMark Test – Bus transfer	1.44
Final Reality V1.01 BenchMark Test – Overall	0.74
3D WinBenech 2000 v1.0 with DirectX7 and 1024x768x16Bits-Processor Test	0.104
Content Creation Winstone 2000 V1.0 – C.C.Winstone 2000	5.8
WinStone 99 V1.1 – High_end winstone99	9.54
WinStone 99 V1.1 – Business winstone99	9.55
Operation System Compatible Test	Result
Windows 98SE English / Chinese version:4.10.2222A	Pass
Windows NT workstation 4.0 English version with service pack 6	Pass
Windows NT server 4.0 English version	Pass
Windows NT server 4.0 Chinese(Simplified character) version	Pass
DOS and DOS Utility Compatibility Testing	Pass
Utility and Driver Test	Result
VGA for Windows 98SE (Cyril XpressGRAPHICS™ 4.10.01.1322a.)	Pass
VGA for Windows NT 4.0 (Cyril XpressGRAPHICS™ 5.05.04.1019.)	Pass
LAN for Windows 98SE (Realtek RTL8139/810X 5.504.613.2002)	Pass
LAN for Windows NT 4.0 (Realtek RTL8139/810X)	Pass
Sound for Windows 98SE (Xpress AUDIO™ 16bit Sound 5.05.00.1005)	Pass
Sound for Windows NT 4.0 (Xpress AUDIO™ 16bit Sound)	Pass
LCD Monitor Function Test	Result
CRT+LCD – Dual Display Function Test	Pass
吉林彩晶 / CJM-10C011A / TFT / 10.4" / 5V	Pass
Miscellaneous Test	Result
Windows 98 Power manager test	Pass
Power LED	Pass
Ext. KB connector	Pass
COM1	Pass
COM2	Pass
COM3	Pass
COM4	Pass
LPT1	Pass
PS2 Keyboard / Mouse	Pass



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

LCD Display Function Test	Pass
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Touch Panel Controller Utility Version 3.1.3.1327	Result
Touch Panel Controller Utility for Windows 98SE	Pass
Touch Panel Controller Utility for Windows NT4.0	Pass
Touch Panel Controller Utility for DOS	Pass