

Workstation / IPC Product Certification Report

Release No : 04P100020

Product Model	AEC-6840
Product Description	Fanless Embedded Controller
Test Reason	<input type="checkbox"/> New product <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input checked="" type="checkbox"/> Renew product <input checked="" type="checkbox"/> PCB : GENE-6350 Rev:A0.3 <input checked="" type="checkbox"/> BIOS: AEC-6840 BIOS Rev 1.0 (11/12/2004) <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Component: <input checked="" type="checkbox"/> General Function <input checked="" type="checkbox"/> Chipset : North Bridge : VIA CLE 266 / 0409CE / 2IA1019411 South Bridge : VIA VT8235 / 0344CD / 23A34H7000 <input checked="" type="checkbox"/> Audio Chipset : Realtek ALC650 / 3A212T1 <input checked="" type="checkbox"/> Ethernet Chipset : Realtek RTL 8100BL / 3A297S1 / 346E(10/100) Realtek RTL8110S-32 / 3B210A1(10/100/1000) <input checked="" type="checkbox"/> I/O Chipset : Winbond W83697UF / 351G5BBBA

2004-12-15

Wenyuan Yang

Andrew Ku

Issue date

Manager

Test Engineer

Test result for certification

CPU Compatible Test	Result
Intel ULV Celeron 400 MHZ (100 x 4)	Pass
Memory Test – DDRAM DDR-266	Result
TRANSCEND / V58C225680SAS6 / DDR266 / 512MB	Pass
I/O Peripheral Test	Result
Primary IDE Master	Pass
Primary IDE Slave	Pass
COM 1	Pass
COM 2 -232	Pass
COM 3	Pass
COM 4	Pass
PS/2 MOUSE & Keyboard	Pass
USB Ports	Pass
DIO	Pass
Compact Flash	Pass
Buzzer	Pass
SYS LED	Pass
HDD LED	Pass
Power LED	Pass
Ext. K/B Connector	Pass
LAN LED / Function	Pass
Digital I/O Connector Test	Result
Digital I/O Function Test	Pass
Modular System Industrial Workstation Function Test	Result
AC power outlet / inlet	Pass
Power On / Off	Pass
PS/2 keyboard connector	Pass
Front USB Port	Pass
BIOS Function Test	Result
Standard CMOS Setup Test	Pass
Boot Sequence Test	Pass
APM Power manager test	Pass
CMOS backup Test	Pass
Boot ROM Test	Pass
COM Address/IRQ Test	Pass
Hardware Monitor Test	Pass
Supervisor / User Password Test	Pass
BIOS Awdflash Program Test	Pass
Operation System Compatible Test	Result
Windows 2000 professional English version : 5.00.2195	Pass