

Product Certification Report

Release No:05E010016

Product Model	PCM-6894
Product Description	AIO Compact Board.Socket370.LCD/Ethernet/Audio/CFD/4CO Ms.2USBs ATX.Rev.A1.1
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB: PCM-6894 Rev: A1.1 <input checked="" type="checkbox"/> BIOS: PCM-6894 BIOS Rev 1.2 (6/10/2003) <input type="checkbox"/> Renew product <input type="checkbox"/> PCB: <input type="checkbox"/> BIOS: <input checked="" type="checkbox"/> Chipset: <input checked="" type="checkbox"/> North Bridge: VIA VT 82C694T/2IB00K4280 <input checked="" type="checkbox"/> South Bridge: VIA VT82C686B / 13C0K4139 <input checked="" type="checkbox"/> Audio Chipset: Realtek ALC655/48379K1 <input checked="" type="checkbox"/> Ethernet Chipset: Realtek RTL8139C (Dual LAN) <input checked="" type="checkbox"/> I/O Chipset: VIA VT82C686B + Winbond W83977EF-AW

2005/04/12	Wenyuan Yang	Li-Ping Hsieh
Issue date	Manager	Test Engineer

Test Result for Certification

Installation Operation System Compatible Test		Result	
Windows XP Professional English Version/2002		Pass	
Windows 2000 Professional English Version /2.00.2195		Pass	
Utility and Driver Test		Result	
VGA for Windows XP (Silicon Mobion Lynx3DM 5.0.2195.147)		Pass	
VGA for Windows 2000P (Silicon Mobion Lynx3DM 5.0.2195.147)		Pass	
LAN for Windows XP (Realtek RTL8139/810x Family Fast Ethemet NIC)		Pass	
LAN for Windows 2000P(Realtek RTL8139/810x Family Fast Ethemet NIC)		Pass	
Audio for Windows XP (Directx 7.0a/VIA (3058)/ALC655/5.10.0.5630)		Pass	
Audio for Windows 2000P(Directx 7.0a/VIA (3058)/ALC655/5.10.0.5630)		Pass	
BIOS Function Test		Result	
Standard CMOS Setup Test		Pass	
APM Power Manager Test		Pass	
ACPI Power Manager Test		Pass	
Power On Function Test		N/A	
Wake Up Event Test		Pass	
CMOS Backup / Clear CMOS Test		Pass	
Boot ROM Test (RPL/PXE)		Pass	
Voltage Monitor Test		Pass	
FAN Speed Monitor Test		Pass	
Temperature Monitor Test		Pass	
COM Address / IRQ Test		Pass	
LPT Address / IRQ Test		Pass	
Dynamic / Boot UP Burn In Test		Test Condition	Result
Diagnostics Software Burn-In Test.		0°C ~60°C , 48 hrs	Pass
Power On/Off Test.		0°C ~60°C , 24hrs	Pass
220V Power Function Test.		Room Temperature	N/A
Windows HCT 9.5 System Stress Test.			Pass
I/O Peripheral Function Test – I/O Function		Result	
Floppy Connector / Driver A: & B:		Pass	
Primary IDE Master / Slave		Pass	
Secondary IDE Master / Slave		Pass	
SATA1/Serial ATA Connector 1		N/A	
SATA2/Serial ATA Connector 2		N/A	
Compact Flash-Type I		Pass	
Compact Flash-Type II		N/A	
DOM-40 Pin		Pass	
DOM-44 Pin		N/A	
COM1		Pass	
COM2-232		Pass	

COM2-422	Pass
COM2-485	Pass
COM 3 & 4	Pass
Clear CMOS	Pass
PS/2 Mouse & Keyboard (External)	N/A
PS/2 Mouse & Keyboard (Internal)	Pass
Audio Connector	Pass
LCD Voltage 5V/3.3V Selection	Pass
Touch Screen of 8 wire connector	N/A
Touch Screen of 5 wire connector	N/A
LPT1	Pass
SIR / 115.3 Kbps	Pass
USB 1 & 2 Ports	Pass
TV-out/AV & S Port Output	Pass
DIMM Slots	Pass
VGA Display	Pass
LCD / LVDS	Pass
DIMM Slots	Pass
Watchdog Software Control	Pass
I/O Peripheral Function Test – Power Connector & Function	Result
ATX Power Connector	Pass
ATX Power_12V Connector	N/A
4P Power Connector	Pass
Mini 4P Power Connector	Pass
Option ATX Power Connector (PS-ON / +5VSB)	Pass
I/O Peripheral Function Test – Front Panel & Function	Result
Power On Button	Pass
IDE LED	N/A
External Buzzer	Pass
On Board Buzzer	Pass
Power LED	N/A
Reset Switch	Pass
Ext. K/B & Mouse Connector	N/A
Int. K/B & Mouse Connector	Pass
CPU FAN Connector	Pass
I/O Peripheral Function Test – LAN Connector & Function	Result
LAN Active & Link LED	N/A
LAN 10/100Ethernet	Pass
On Board Audio Function Test	Result
System Sound	Pass
Play CD_IN	Pass
Play Sound Recorder	Pass
Line In	Pass

Line In Sound Recorder			Pass
MIC Speaker-Dynamic/ Condenser			Pass
MIC Sound Recorder-Dynamic/ Condenser			Pass
Play VCD 10mins			Pass
Timer Accuracy Test			Result
RTC Timer Accuracy of +/-1 sec per day.			Pass
System Clock Accuracy of +/-1 sec per day.			Pass
Watchdog Timer Accuracy of +/-20% sec per minute.			Pass
Network HUB/LAN Connects Test (LAN1/LAN2)			Result
HUB	Type	Speed	
	HP J4095A 24 Ports	10/100 Mbps	Pass
	D-Link DGS-1008T	10/100 Mbps	Pass
Touch Screen LCD for Serial Ports Test		Address	IRQ
COM1		3F8	IRQ4
COM2		2F8	IRQ3
COM3		3E8	IRQ9
COM4		2E8	IRQ10
Memory Test		Speed	Size
HB-DDR/128MB(TS)		DDR266	128MB
HUNIX/HY5DU121622AT-J		DDR333	512MB
TRANSCEND/HB-DD2516AKTA		DDR333	256MB
HDD Compatible Test		Size	Speed
IBM / DTLA-307045		46.1GB	ATA-100
Maxtor / 54610H6		160GB	ATA-133
Maxtor/YAR41BW0		80GB	ATA-133
CD-ROM / DVD-ROM Test		Type	Speed
ACER DVP1640A		DVD-ROM	16X
CREATIVE PC-DVD		DVD-ROM	12X
TEAC CD-540E		CD-ROM	40X
USB Basic Function Test			Result
CMOS USB Function			Pass
CMOS USB Keyboard			Pass
CMOS USB Mouse			N/A
System Booting Test			Pass
USB Cable of 1.8 Meters			Pass
Compatible Test			Pass
USB External Device Function Test		Type	Result
BENQ 4824WI-ON2		CD-RW	Pass
Fujitsu USB 2.0 High Speed device (2.5"IBM2060AT)		HDD	Pass
IOMEGA ZIP 100MB		ZIP	Pass
Mitsumi FL3.5D353GUE/FUE		Floppy	Pass
Peripheral Compatibility-Storage Device		Interface	Result
FUJITSU MCB3064SS		SCSI	Pass
IO mega zip 100 parallel port		Parallel	Pass

IO mega zip 100MB Internal ATAPI Drive				IDE	Pass
PQI FC256 256 MB Compact Flash Card				Type I	Pass
HITACHI Micro Drive 1GB				Type II	N/A
COM Port Send & Receive Test					Result
COM1 of 50 Meters					Pass
COM2 of 50 Meters					Pass
COM3 of 50 Meters					Pass
COM4 of 50 Meters					Pass
System Integer Application Test					Result
System Integer Application Test (Burn-in 8 Hrs.)					Pass
On Board LCD Function Test	Bit	Size	Resolution	Mode	Result
Toshiba LTM10C209A	18	10.4"	640*480	TFT	Pass
NEC NL8060AC31-12	18	12.1"	800*600	TFT	Pass
Samsung LTM150XS-T01	36	15"	1024*768	TFT	N/A
HYUNDAI HT17E11-300	48	17"	1280*1024	LVDS	N/A
HYUNDAI HT12X11-200	18	12.1"	1024*768	LVDS	Pass
SAMSUNG LTM150XH-L04	24	15"	1024*768	LVDS	N/A
PCI Slot Function (PCI Adapter Card) Test			Type	Interface	Result
GeForce4 MX-440-8X			VGA Card	PCI	Pass
TAK ram DC-395U V1.02			SCSI Card	PCI	Pass
D-Link FE-530TXFast Ethernet			LAN Card	PCI	Pass