

Mainboard Product Certification Report

Release No : 02E010093

Product Model	PCM-5896-C10
Product Description	AIO Compact Board, Super 7, LCD, 8139D Ethernet, Audio, 4 COMs, ATX, Rev C1.0
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 : <u>PCM-5896 Rev.C1.0</u> <input checked="" type="checkbox"/> BIOS : <u>PCM-5896 BIOS Rev.1.9 RealTek LAN Chip(09/12/2002)</u> <input checked="" type="checkbox"/> Component : <u>1. ESS 1373 change to ESS ES1938S Audio Chip</u> <u>2. Realtek 8139B change to Realtek 8139D Lan Chip</u> <u>3. ATX power</u> <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Component:

2002-10-22

Wayne Chen

Batty Ko

Issue date

Vice President

Test Engineer

Test result for certification

Timer Accuracy Test	Result
Watchdog timer accuracy of +/-20 % per sec/ min.	PASS
Margin Test – Power Consumption – Tillamook-MMX CPU 266 , SDRAM 128MB	Result
Electrical characteristics – Normal Mode(+3.3V)	2.55A
Electrical characteristics – Standby Mode(+3.3V)	1.57A
Electrical characteristics – Normal Mode(+5V)	0.07A
Electrical characteristics – Standby Mode(+5V)	0.07A
Electrical characteristics – Normal Mode(+12V)	0.01A
Electrical characteristics – Standby Mode(+12V)	0.01A
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	PASS
MIC Speaker Recorder – Dynamic	PASS
VGA Card Compatible Test	Result
3D Blaster Savage 4 / PCI Card	PASS
Floppy Disk Controller Test	Result
Copy and Compare file between C : and A/B	PASS
Format A/B with system transfer and boot PC from floppy	PASS
Change CMOS Floppy is NONE value	PASS
SWAP FDD	PASS
BIOS Function Test	Result
Wake Up Event Test	PASS
Operation System Compatible Test	Result
Windows 98SE English version:4.10.2222A	PASS
Windows 2000 professional English version:5.00.2195	PASS
DOS and DOS Utility Compatibility Testing	PASS
Utility and Driver Test	Result
VGA for Windows 98SE (Chips and Tech. 69000 PCI/ 4.11.01.2600)	PASS
VGA for Windows 2000P (Chips and Tech. 69000 PCI/ 5.0.1.137)	PASS
LAN for Windows 98SE (Realtek RTL8139D/ 5.504.613.2002)	PASS
LAN for Windows 2000P (Realtek RTL8139D/ 5.366.818.1999)	PASS
Sound for Windows 98SE (ESS Solo-1 PCI Audio/ 5.12.01.3047)	PASS
Sound for Windows 2000P (ESS Solo-1 PCI Audio/ 5.0.2184.1)	PASS

Miscellaneous Test	Result
H/W Reset	PASS
Ext. Speaker	PASS
On board buzzer	PASS
HDD LED	PASS
Ext. KB connector	PASS
Watchdog – reset	PASS
Watchdog – IRQ 15	PASS
ATX power button	PASS
CPU FAN connector	PASS
PS2 Keyboard / Mouse	PASS