



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

PCM-3430

QE Compatibility Test Report

Release Date: MAR. 22, 2000

Issue Stamp

QA Manager

QE Manager

Test Engineer

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Includes +5V current rate .	

There are 3 test results in this document; they are described as follows:

Pass: It worked perfectly

Fail: Test failed, and to be modified in the next version

N/A: Outside of specifications or no test equipment

The test report would be tested and updated after version changed.

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1. Software Compatibility

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564163G5-A10-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input checked="" type="checkbox"/> 64 <input type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input type="checkbox"/> SDRAM <input checked="" type="checkbox"/> SODIMM <input type="checkbox"/> _____ Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver:1.0 (08/18/1999)
O.S. Environment	<input checked="" type="checkbox"/> MSDOS6.22 <input checked="" type="checkbox"/> Windows 98 <input checked="" type="checkbox"/> Windows NT <input type="checkbox"/>
VGA Card	<input checked="" type="checkbox"/> OnBoard <input type="checkbox"/>
VGA Memory	<input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
SCSI HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input checked="" type="checkbox"/> IBM :DDRS-39130
VGA Testing Mode	1024X768X256c (For WinStone & WinBench)
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input type="checkbox"/> Others : LAN

Operating System Environment (DOS Mode)

Config.sys	Autoexec.bat
Device=c:\dos\himem.sys dos=high,umb files=35 Buffers=40	Prompt \$p\$g c:\dos\smartdrv.exe /x

A. O.S. Compatibility

O.S. / Test Item	Install		Boot		Shutdown		Function		KB Function	
	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
MS-DOS 6.22	✓		✓		✓		✓		✓	

B Microsoft Windows Compatibility

Wins / Test Item	Install		Boot		Shutdown		Function		KB Function		Display Driver	
	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
Windows 98(E)	✓		✓		✓		✓		✓		✓	
Windows NT 4.0/ W(E)	✓		✓		✓		✓		✓		✓	

Note: The PCM-3430.A0 was tested with SBC-558 Ver A1 together.

C. Testing Software

Testing Utility	CPU Configuration		
	SBC-558(Tillamook MMX 266MHz)		
Qaplus5.4			
MAIN COMPONENT	Pass		
MEMORY	Pass		
VIDEO ADAPTER	Pass		
FLOPPY DRIVE	Pass		
HARD DRIVE	Pass		
KEYBOARD	Pass		
COM PORT	Pass		
LPT PORT	Pass		
WinBench 97			
Disk/Read	93.4		
Disk/Write	78.1		

2. Hardware Compatibility

A. Peripheral Compatibility-SCSI Device

SCSI Adapter List:

Brand	Device Model	Result	Note
HDD			
IBM	1520B	Pass	
IBM	DNES-309170	Pass	
Seagate	ST34520W	Pass	
Seagate	ST32155W	Pass	
HITACHI	DK328H-43WS	Pass	
CDR			
YMAHA	CRW4260t-NB	Pass	

3. Power Consumption Data

System Information:

DRAM Type & Capacity	NEC D4564163G5-A10-9JF
VGA Card	OnBoard : C&T 69000
FLOPPY	M-Systems : MD2200-D24
VGA Testing Mode	640X480X16
O.S.	MSDOS 6.22

Operating System Environment (DOS Only)

Config.sys	Autoexec.bat
Device=c:\dos\himem.sys dos=high,umb files=35 Buffers=40	Prompt \$p\$g c:\dos\smartdrv.exe /x

The Application of Software

Brand	Landmark System Speed Test Version 2.0
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Test Result

Mode Type	Test Mode				Unit
	SBC-558 Only	SBC-558 With PCM-3430			
Normal Mode(+5V)	2.37	2.47			amp/max
Suspend Mode(+5V)	1.34	1.56			amp/max

Note: 1.Power supply voltage: +5V
2.Suspend Model all function off