

Report NO: 16P010006

IXXAT INpact CE Slave PCIe Mini INpact Multi Protocol Board Level Product Bulletin Compatibility Test Report

Summary	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation (Comment: _____)			
Test Results Category				
	Critical	Major	Minor	Enhancement
Defect Found	0	0	0	0
Defect Unsolved	0	0	0	0

Issue date	QE Manager	Test Engineer
2016-08-24	KJ Wang	Louie Lee

Version Released Records

Date	Version	Change History	Note
5/26/2015	C0	1. Add UEFI,GPS,CANBUS,POE, Cold boot test item	
3/22/2016	C1	1. Add issue status 2. Update CTOS devices. 3. Add HDMI 5M cable compatibility test. 4. Modified boot up without display test. 5. Add Touch Function test. 6. Add DC adapter compatibility test 7. Add Windows10 compatibility test. 8. Update Benchmark tool. 9. Update DOS / Windows on/off test rule. 10. Add DDR4 SO-DIMM. 11. Update Linux to Ubuntu16.04 12. Add Stability Test \ Memory test.	

Note :

For all test items in this report, 3 results have been defined and described as following:

- Pass: Functionality work perfectly
- Fail: Functionality failed and must be resolved in the next version
- N/A: Functionality Not Applicable or Not Available

This test report would be updated when re-test completed in product next change version.

Specification Validation

Main Specification

Item	Specification	Result			Note
		Pass	Fail	N/A	
Field bus interface	Two Ethernet ports, 100/10 Mbit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PC interfaces	Mini PCI Express (x1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Network handling	Anybus NP40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Power supply	Via PCIe (3.3 V)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Current consumption	Typ. 600 mA / 3.3 V DC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Form factor	None	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Model Support

BOXER-6403	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOXER-6614	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOXER-6638U	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOXER-6651	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOXER-6652	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOXER-6852	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OMNI-2155	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ACP-1104 (J1900)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

O.S. Support

Item	Specification	Result			Note
		Pass	Fail	N/A	
Microsoft Windows	Windows 7 English 32/64 bit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Windows8.1 English 64bit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Windows10 English 32/64bit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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1. Basic Function Test

1.1. Windows8.1 Enterprise 64bit

Test item	Process step	Criteria	Result			Note
			Pass	Fail	N/A	
OS installation	Install IXXAT module than install Windows OS.	No error during installation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Module driver installation	Install module driver: vci-4_0_199_0	1. No error during installation. 2. Device was installed in device manager.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scan device test	1. Install Firmware Manager II on HOST. 2. Host PC LAN to set Static IP: 192.168.99.20 3. Client to execute utility "IDLc_TestApp" 4. Host to execute Firmware Manager II and click "Scan"	Host Firmware Manager II will appear below information: 1. Module type 2. Current Firmware	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.2. Windows7 Ultimate 32bit SP1

Test item	Process step	Criteria	Result			Note
			Pass	Fail	N/A	
OS installation	Install IXXAT module than install Windows OS.	No error during installation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hot fix installation	1. Install windows6.1-kb3020369 -x86_82e168117c23f7c479a97ee96c82af788d07452e.msu 2. Install windows6.1-kb3125574 -v4-x86_ba1ff5537312561795cc04db0b02fbb0a74b2cbd.msu	No error during installation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Module driver installation	Install module driver: vci-4_0_199_0	1. No error during installation. 2. Device was installed in device manager.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scan device test	1. Install Firmware Manager II on HOST. 2. Host PC LAN to set Static IP: 192.168.99.20 3. Client to execute utility "IDLc_TestApp" 4. Host to execute Firmware Manager II and click "Scan"	Host Firmware Manager II will appear below information: 1. Module type 2. Current Firmware	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.3. Windows7 Ultimate 64bit SP1

Test item	Process step	Criteria	Result			Note
			Pass	Fail	N/A	
OS installation	Install IXXAT module than install Windows OS.	No error during installation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hot fix installation	1. Install windows6.1-kb3020369-x64_5393066469758e619f21731fc31ff2d109595445.msu 2. windows6.1-kb3125574-v4-x64_2dafb1d203c8964239af3048b5dd4b1264cd93b9.msu	No error during installation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Module driver installation	Install module driver: vci-4_0_199_0	1. No error during installation. 2. Device was installed in device manager.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scan device test	1. Install Firmware Manager II on HOST. 2. Host PC LAN to set Static IP: 192.168.99.20 3. Client to execute utility "IDLc_TestApp" 4. Host to execute Firmware Manager II and click "Scan"	Host Firmware Manager II will appear below information: 1. Module type 2. Current Firmware	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Compatibility Test

Model	CPU	BIOS	Windows 8.1 Enterprise 64bit	Windows7 Ultimate 32bit	Windows7 Ultimate 64bit
BOXER-6403	Intel Celeron J1900	BOXER-6403 R1.1 (B403AM11)	✓	✓	✓
BOXER-6614	Intel Atom E3845	Boxer-6614 R1.0(V0116M10)	✓	✓	✓
BOXER-6638U	Intel i7-5650U	Boxer-6638U R1.1(B638AM11)	✓	✓	✓
BOXER-6651	Intel Atom E3845	PBA-BT02 R1.0(RBT2AM10)	✓	✓	✓
BOXER-6652	Intel i5-4402E	Boxer-6652/6852 R1.2(V015TM12)	✓	✓	✓
BOXER-6852	Intel i5-4402E	Boxer-6652/6852 R1.2(V015TM12)	✓	✓	✓
OMNI-2155	Intel Celeron J1900	OMNI-2155 R1.1 (O2F5AM11)	✓	✓	✓
ACP-1104 (J1900)	Intel Celeron J1900	ACP-1104 R1.5 (C1A4AM15)	✓	✓	✓