

RTC-700B

Rugged Tablet Computer

QE 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
2016/10/18	KJ Wang	Anderson Lin

Platform Information

Item	Device Information	Test Item
System Model/Version	RTC-700B	1,2,3,4
BIOS / Version	1.0	1,2,3,4
CPU Type	Intel Atom™ x5-Z8350 CPU® 1.44GHz CHT-T3 Quad Core up to 1.92GHz Processor	1,2,3,4
Memory Type	SO-DDR3L / 2GB	1,2,3,4
Storage	eMMC flash Samsung CJNB4R / 64GB	1,2,3,4
LVDS	7" TFT-LCD / 16:10 N070ICG-LD1 rev C1	1,2,3,4
Operating System	Windows 10 IOT Enterprise 64-bit LTSB	1,2,3,4
Power Adapter	FSP036-RBBN2 output : 12V, 3A	1,2,3,4
Battery Model	Lithium-Polymer high capacity battery / 7.4V 1530mAH(RTC600H)	1,2,3,4

1. Basic Function Test

1.1. Display Function Test

Video Function	Function			Note
	Pass	Fail	N/A	
Display quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No color deviation / No saw-tooth / No flicker / No light leak /No abnormal Uniformity
Playback 1080p video	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No lag / No ghost / No flicker / No color deviation while playing video.
Brightness control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Brightness can be adjusted by control bar
Auto Brightness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enable "auto-brightness" item
Micro HDMI	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Connect to HDMI monitor

1.2. Audio Function Test

Audio Function	Function			Note
	Pass	Fail	N/A	
Internal Speaker	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No noise, no distortion, the sound is clean, volume can be changed as we set with internal speaker.
Internal Microphone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No noise and distortion while recording voice.
Headphone jack	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No noise, no distortion, the sound is clean, volume can be changed as we set with line-out.
Headphone Microphone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No noise and distortion while recording voice.

1.3. Wi-Fi Function Test

Wi-Fi Function	Function			Note
	Pass	Fail	N/A	
Connect to internet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Connect to www.google.com
Download files from internet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Download files from download.cnet.com

Performance Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(www.bandwidthplace.com) Download speed:6.08 Mbps Upload speed:5.52 Mbps
Enable / Disable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Switch on/off

1.4. 3G Function Test

3G Function	Function			Note
	Pass	Fail	N/A	
Enable / disable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Switch on/off
Connect to internet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Connect to www.google.com
Download files	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Download files from download.cnet.com
Performance Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(www.bandwidthplace.com) Download speed:4.96 Mbps Upload speed:2.12 Mbps

1.5. Ethernet Function Test

Ethernet Function	Function			Note
	Pass	Fail	N/A	
Enable / disable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Switch on/off
Connect to internet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Connect to www.google.com
Performance Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(www.bandwidthplace.com) Download speed:36.24 Mbps Upload speed:20.93 Mbps
Connect two computers via different speed LAN HUB by using "Ping" instruction (1000 times) Command: ping xxx.xxx.xx.xx -l 65500 - 1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Download 1 GB file from internet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 minutes 28 seconds

1.6. COM Function Test

3G Function	Function			Note
	Pass	Fail	N/A	
COM Port Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Loopback	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	COM 8

1.7. Bluetooth Function Test

Bluetooth Function	Function			Note	
	Pass	Fail	N/A		
Data transmission	Send files	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Send 10 MB file to another devices(2'28")
	Receive files	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Receive 10 MB file from another devices
Bluetooth Devices	Microsoft Mobile Keyboard 5000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Logitech M557	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	SONY MW600	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.8. GPS Function Test

GPS Function	Function			Note
	Pass	Fail	N/A	

Detect satellite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	u-center v8.12f(COM 1 / Baudrate: default 9600)
TTFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.6 seconds
GPS coordinate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24.98366,121.55095

1.9. NFC Function Test

NFC Function	Function			Note
	Pass	Fail	N/A	
Detect NFC tag	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sound appeared.1 cm. SONY tag
Detect NFC card	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sound appeared.3 cm. Easy card

1.10. USB Port Function Test

Micro USB Function	Function			Note
	Pass	Fail	N/A	
USB Flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY USB 3.0 128GB Flash / Sandisk USB 3.0 8GB
USB Keyboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Wired Keyboard 600
USB Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Mouse 1133

1.11. Mini USB Port Function Test

Micro USB Function	Function			Note
	Pass	Fail	N/A	
USB Flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY USB 3.0 128GB Flash / Sandisk USB 3.0 8GB
USB Keyboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Wired Keyboard 600
USB Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Mouse 1133

1.12. USB 3.0 Type C Port Function Test

Micro USB Function	Function			Note
	Pass	Fail	N/A	
USB Flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY USB 3.0 128GB Flash / Sandisk USB 3.0 8GB
USB Keyboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Wired Keyboard 600
USB Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Mouse 1133

1.13. Touch Screen Function Test

Touch Screen Function	Judgment			Test Result
	Pass	Fail	N/A	
2-fingers pinch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Picture can be zoomed in and zoomed out by 2-fingers pinch.
Swipe Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Page move while swiped
Press and hold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Icon can be choosen and hold.
Drag and move ICON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Icon can be Dragged and moved.
Wake up from sleep mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Can work well
Multi-Touch(10 points)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10 Touch points can be recognized

Draw 1 Line test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dash lines found. No jump during drawing
2-fingers touch and draw line test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 lines can be recognized with min. 1.5cm distance
Full loading mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No delay. Touch location is correct.
Touch response time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No late response of input and display
Touch area test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dead area, especially 4 corner and edge
No ghost touch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No ghost touch issue appeared while performing any touch gesture

1.14. Camera Function Test

Camera Function	Function			Note
	Pass	Fail	N/A	
2 MP front camera	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8 MP rear camera	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
take picture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Zoom in	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Zoom out	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
flashlight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Recording	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1.15. Micro SD Function Test

Micro SD Function	Function			Note
	Pass	Fail	N/A	
Read / write test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Transcend 64GB(SDXC) / Sandisk 32 GB(SDHC) / Transcend 32GB(SDHC) / SP 16GB(SDHC)

1.16. Sensor Function Test

Sensor Function	Function			Note
	Pass	Fail	N/A	
G-sensor(Accelerometer)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Build-in App
Gyro-sensor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Light- sensor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E-Compass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.17. UI Function Test

UI Function	Function			Note
	Pass	Fail	N/A	
Airplane Mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wi-Fi,Bluetooth,3G connection will be disabled
Safe Mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	msconfig
Device Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No yellow question mark

1.18. Buttons Function Test

Function Key test	Function			Note
	Pass	Fail	N/A	
Windows Key	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	on Touch: Home, Back, Menu
Power Key	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Power on / off

1.19. Quick Launch Test

Function Key test	Function			Note
	Pass	Fail	N/A	
Tablet Mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enable / disable
Rotation Lock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enable / disable
All settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery saver	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Battery saver will turn on automatically when your battery falls below 10%
Bluetooth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Brightness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25%,50%,75%,100%
Cellular	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3G enable / disable
Mobile hotspot	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Share cellular data connection with other devices
Wi-Fi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wi-Fi connection enable / disable
Airplane mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wi-Fi,Bluetooth,3G connection will be disabled

1.20. ACPI Function Test

Function Key test	Function			Note
	Pass	Fail	N/A	
Sleep	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hibernate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shutdown -h
Restart	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Shutdown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.21. Battery Charge and Discharge status Check

Function Key test	Function			Note
	Pass	Fail	N/A	
Battery charge function	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OS icon shows charging
Battery charge 100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Battery can be charged to 100%
Battery charge(under sleep mode)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery charge(under power off mode)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery discharge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OS icon shows discharging
Battery charge LED	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Battery discharge LED	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Battery Life (Spec: 6 hours for 3700mAh 4.5 hours for 3060mAh *60% brightness, Wifi on, Playback)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Actual measurement time:4.5 hours with TabletMark 3.2.132
Show low power message (Power level reach to 10%)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Shut down (Power level reach to 0%)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1.22. Docking Function Test

Ethernet Function		Function			Note
		Pass	Fail	N/A	
Enable / disable		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Switch on/off
Connect to internet(DHCP Server)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Connect to www.google.com
Performance Test		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(www.bandwidthplace.com) Download speed:56.32 Mbps Upload speed:24.78 Mbps
Connect two computers via different speed LAN HUB by using "Ping" instruction (1000 times) Command: ping xxx.xxx.xx.xx -l 65500 -1000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No packet loss
Download 1 GB file from internet		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 minutes 24 seconds
Front side(2 port) / Rear side (2 port) USB Function		Function			Note
		Pass	Fail	N/A	
USB Flash		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY USB 3.0 128GB Flash / Sandisk USB 3.0 8GB
USB Keyboard		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Wired Keyboard 600
USB Mouse		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft Mouse 1133
USB 3.0 HD		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Toshiba 1TB HD
USB ODD		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AOpen EDR8865U USB DVD-ROM
USB Floppy		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Transcend TS8XDVD-RW
COM Port Function		Function			Note
		Pass	Fail	N/A	
COM port loopback		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COM port mouse		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	COM 8
Battery charging		Function			Note
		Pass	Fail	N/A	
Charging function	Idle mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shows charging icon while plugging adapter into Docking DC Jack
	Sleep mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Charging under sleep mode
	Power off mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Charging under power-off mode
Hot-plug 700B from Docking		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	System no crash or hang
Docking LED	Mount 700B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Blue color
	Remove 700B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Orange color

2. Time Accuracy Test

2.1. System Clock & RTC Clock Test

Under Room Temperature:

Function	Item	Time Interval	Criteria	Actual	Result			Note
					Pass	Fail	N/A	
RTC Clock in Power On Mode		24 hrs	+/-2 sec	+17 Sec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
RTC Clock in Power Off Mode		24 hrs	+/-2 sec	-1 Sec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Performance Test

3.1 System Performance Test

Testing Software	Scope		Note
	AAEON	Ref.	
PCMark 8 Professional(Home conventional)			
PCMarks	811		PCMarks
Web Browsing-Jungle Pin	0.805 s		
Web Browsing-Amazonia	0.231s		
Writing	8.45 s		
Video Chat v2/Video Chat playback 1 v2	30.0 FPS		
Video Chat v2/Video Chat encoding v2	923.3 ms		
Casual Gaming	5.0 FPS		
Benchmark duration	1 h 7 min 50 s		
Testing Software	Scope		Note
3Dmark2006 v120			
3Dmark Score	1666		
SM2.0 Score	636		
HDR/SM3.0 Score	579		
CPU Score	1491		

3Dmark11		
Performance 1280*720 (Default)		
3Dmark Score	P196	
Graphics Score	168	
Physics Score	949	
Combined Score	209	

Testing Software	Scope		Note
	AAEON	Ref.	
Performance Test 8.0			
PassMark Rating	559.4	-	
CPU Mark	1392	-	
2D Graphics Mark	128.9	-	
3D Graphics Mark	136.9	-	
Memory Mark	527	-	
Disk Mark	840	-	
CD Mark	-	-	

3.2. Storage Performance Test

EMMC Performance				
EMMC	64GB Flash eMMC			
CPU	Intel® Atom™ x5-Z8350 CHT-T3 Quad Core up to 1.92GHz Processor			
Memory	DDR3L-RS 1600 2GB			
OS	Windows 10 IOT Enterprise			
Item	Comment / (unit)	Software	Score	Note
EMMC	Maximum Read	ATTO Disk Benchmark	173.56 MB/s	
	Maximum Write	ATTO Disk Benchmark	90.69 MB/s	

USB 2.0 / Type C Performance					
Software	ATTO Disk Benchmark	Transfer Rate(MB/s)			
USB Flash		Kingston DT-R3.0-G2	Verbatim OTG Flash	Sony USB3.0 128GB	Note
USB2.0(side port)	Maximum Read	41.23 MB/s	41.11 MB/s	37.13 MB/s	
	Maximum Write	37.75 MB/s	13.18 MB/s	28.11 MB/s	
USB2.0(mini usb)	Maximum Read	39.42 MB/s	39.65 MB/s	36.52 MB/s	
	Maximum Write	35.6 MB/s	12.89 MB/s	30.4 MB/s	
Type C(OTG cable)	Maximum Read	41.17 MB/s	125.43 MB/s	97.96 MB/s	
	Maximum Write	37.86 MB/s	17.63 MB/s	46.36 MB/s	
Type C	Maximum Read	-	130.31 MB/s	-	
	Maximum Write	-	17.61 MB/s	-	

Micro SD performance				
MicroSD				
Item	Comment / (unit)	Software	Transfer Rate (MB/s)	Note
Kingston SDXC 128GB	Maximum Read	ATTO Disk Benchmark	72.75 MB/s	
	Maximum Write	ATTO Disk Benchmark	15.82 MB/s	
Kingston SDXC 64GB	Maximum Read	ATTO Disk Benchmark	73.85 MB/s	
	Maximum Write	ATTO Disk Benchmark	15.36 MB/s	
ADATA 8GB	Maximum Read	ATTO Disk Benchmark	46.65 MB/s	
	Maximum Write	ATTO Disk Benchmark	18.63 MB/s	

4. Stability test

4.1. Run In Test

Under Room Temperature: 26 °C

OS: Windows 10 Enterprise English 64bit

Test Item	Result			Note		
	Pass	Fail	N/A			
Burn In Test V8.1(1010) Duty: 100 Time: over 12 hours <System should not error or hang during testing.>	CPU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	RAM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	COM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Video	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	2D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	3D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Disk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Sound	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Network	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Parallel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	USB	2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		3.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Battery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Bluetooth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

Note: COM PORT Speed Set to 115200.

4.2. Reboot Test

Under Room Temperature: 26 °C

OS: Windows 8.1 Enterprise English 64bit

Test Tool: Passmark rebooter.exe

Test item	Result			Note
	Pass	Fail	N/A	
Reboot test for 500 cycles <System should not error or hang during testing.>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	