

Report NO: 16R010006

RDS-1210

Rugged tablet computer Docking Station QE Test Report

Summary	<input checked="" type="checkbox"/> Pass
	<input type="checkbox"/> Fail
	<input type="checkbox"/> Pass with Deviation (Comment: _____)

Issue date	QE Manager	Test Engineer
2016/12/07	KJ Wang	Anderson Lin

Platform Information

Item	Device Information	Test Item
Docking Model/Version	RDS-1210(A 0.2)	1,2
System Model/Version	RTC-600A(A 1.0)	1,2
CPU Type	Cortex™A9 Dual Core up to 1.5 GHz	1,2
Memory Type	LPDDR2 1GB SDRAM	1,2
Storage	eMMC Flash 16GB	1,2
LVDS	5.7" (1280 x 720) TFT LCD	1,2
Android Version	4.2.2	1,2
OS Version	RTC-600A userdebug 4.2.2 JDQ39 eng.jimmychung.20160517.173700 test-keys	1,2
DC Adapter	MODEL:LTE / LTE24E-S2-2 OUTPUT : 12V / 2A	1,2
Battery Model	Lithium-Polymer high capacity battery swappable	1,2

1. Docking Function Test

Test Item		Result			Note	
		Pass	Fail	N/A		
USB 1	USB Compatibility	USB Flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY 128 GB
		USB Keyboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft
		USB Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft
		USB ODD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AOpen EDR8865U USB DVD-ROM
		USB Hub	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ATake
USB 2	USB Compatibility	USB Flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SONY 128 GB
		USB Keyboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft
		USB Mouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microsoft
		USB ODD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AOpen EDR8865U USB DVD-ROM
		USB Hub	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ATake
Ethernet	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.c om	
	Performance Test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(www.bandwid thplace.com) Download speed:78.57 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 -n 1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No packet loss
COM	Loopback	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RS-232
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
Docking LED	Mount 600A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Blue led
	Remove 600A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Orange led
Docking hot-plug	Hot-plug 600A from Docking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No hang up or crash

2. Run In Test

2.1. Run-In Test (over 12 hours)

Test Item	Judgment			Test Result
	Pass	Fail	N/A	
Stability Test(V2.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No hang up, no system crash