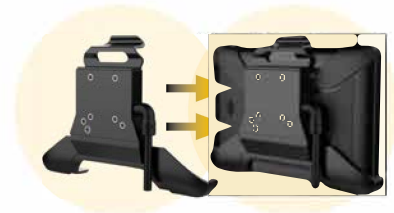
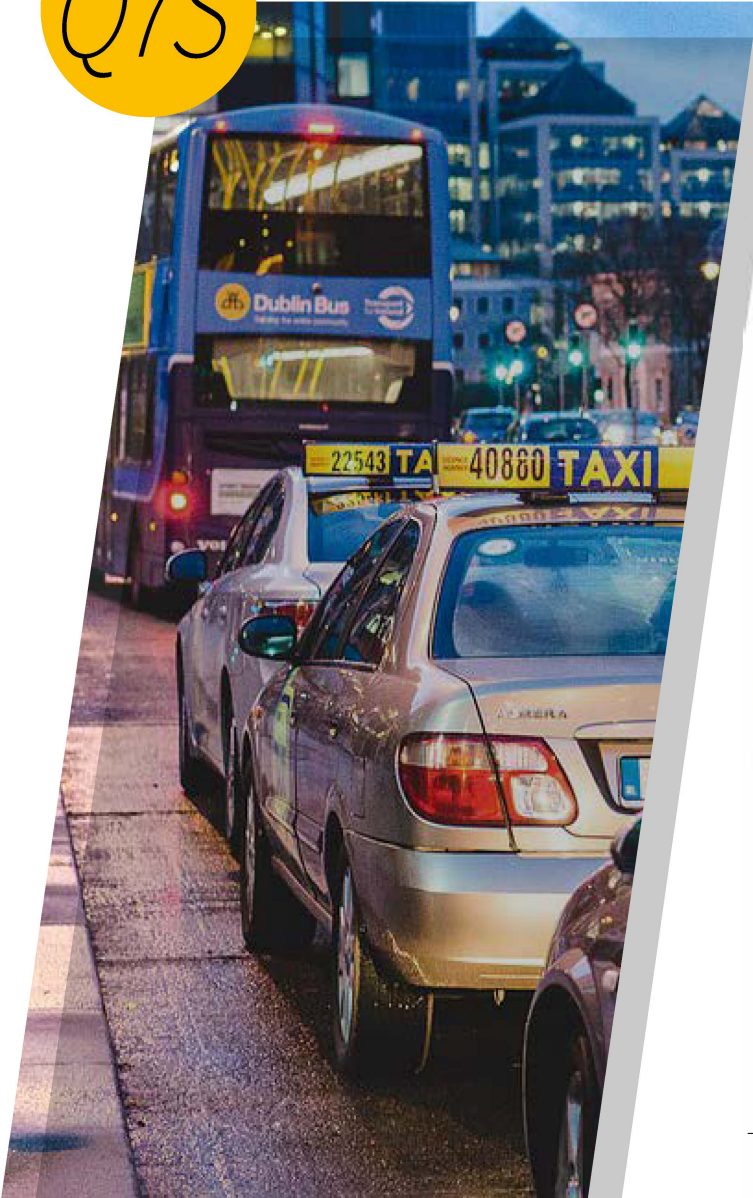


Q7S



7-inch Portable Rugged Tablet

Powered by Qualcomm SoC and Android System

Introduction

Q7S is an IP65 grade Android-based 7-inch mobile data terminal which is powered by Qualcomm quad-core processor 4*ARM Cortex-A7 with processing speeds up to 1.1 GHz. This device integrates a variety of wireless communication modules such as WiFi, Bluetooth, 4G cellular and GPS. For more peripheral devices, it has a pigtail cable to meet various I/O interfaces, like GPIO, OBD-II, RS232, RS422, RS485, etc. It is also a suitable terminal for more customized applications, fleet management, taxi dispatch, intelligent industrial control, HMI (Human Machine Interface) terminals, etc.

Features

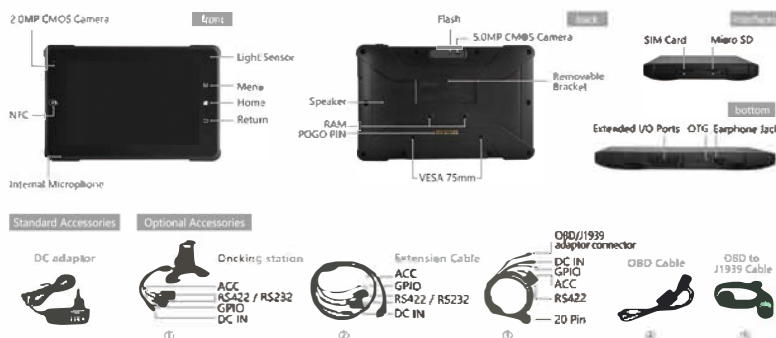
- Qualcomm quad-core 1.1GHz processor 4*ARM Cortex-A7
- Integrated Adreno 304 GPU, up to 400MHz
- 7 inch TFT-LCD screen with capacitive multi-touch panel
- Android 7.1 operating system
- Built-in WiFi, Bluetooth and 4G cellular modules
- Built-in GPS+GLONASS+BEIDOU module for positioning
- Built-in 2.0MP CMOS front camera, 5.0MP CMOS back camera
- Built-in 3.7V 5000mAH Poly-lion battery
- Extended I/O interfaces with OTG, GPIO, OBD-II, RS232, RS422, RS485
- Optional Accessories: A docking converter or extension cable with ports like DC IN, ACC, GPIO, RS422, RS232(OBD optional)
- Flexible mounting with RAM or 75mm VESA bracket

Specification

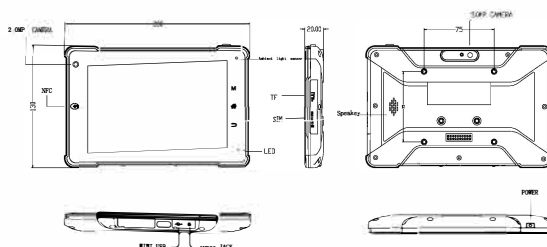
Core	Processor	Qualcomm Quad core 1.1GHz processor 4*ARM Cortex-A7
	Graphic	Integrated Adreno 304 GPU, up to 400MHz
	RAM	2GB LPDDR3 (1GB LPDDR3 optional)
	ROM	16GB eMMC Flash (8GB optional)
	OS	Android 7.1.2
Display	LCD panel	7 inch TFT-LCD, LED backlight
	Resolutions	1280 × 800
	Brightness	300 nits (typical)
	Contrast Ratio	800:1
	View Angle (°)	80/80(L/R), 80/80(U/D)
	Touch panel	G+G multi-touch capacitive touch panel
Wireless	WiFi	IEEE 802.11a/b/g/n 2.4GHz & 5GHz
	Bluetooth	Class1.5, Ver4.1
	Cellular	4G LTE (optional) LTE, UMTS, CDMA2000, TD-SCDMA, GSM
	Positioning	Integrated GPS+GLONASS+BEIDOU (optional)
	Camera	2.0MP CMOS front camera 5.0MP CMOS back camera
Optional Function	NFC	Built-in
	G-sensor	Built-in
	Light sensor	Built-in
	Compass	Built-in
	Gyroscope	Built-in
	Speaker	Built-in stereo speaker
	Video	Encode: 30fps 720P (H.264), 30fps WVGA (MPEG-4/VP8)
Multimedia	Audio	MP3/AAC/AAC+/eAAC/AMR-NB/-WB/G.711/ WMA 9/10 Pro

User Interface	Onboard I/O ports	1 x TF card slot
		1 x SIM card slot
		1 x OTG (USB Mini AB type)
		1 x Combo Audio Jack (audio+mic)
		1 x POGO PIN (20 PIN)
	Extended I/O ports (on pigtail cable)	1 x RS422 (RS485 optional)
		1 x RS232 (OBDII optional)
		Support OBD II & SAE-J1939 (Share the same interface with RS232, OBDII serialport will be occupied) External analytical box
		4 x GPIO (INPUT*2/OUTPUT*2)
		1 x DC in (9~36V)
1 x ACC Input		
Function Key	Power, Menu, Home, Return	
Power light	LED light	
Power Supply	DC In	12V DC (9~36V)
	Battery	3.7V 5000mAh, Poly-lion (optional, run-time up to 6 hour)
Power Consumption	Normal mode	≤6W
	Charging mode	≤10W
Environment	Operating Temp	-10°C~60°C
	Storage Temp	-20°C~70°C
	IP Rating	IP65
Mechanical	Dimensions	200Wx130Hx20D mm
	Weight	0.47kg
	Docking station	Docking station (optional)
Accessories	Standard	AC adaptor
	optional	Docking*2/Extended Cable*2, J1939, OBD

Overview



Dimensions



Scenario

