

# RS30 series

## Touch Mobile Computer



Performance	Operating system	Android 4.4
	CPU	Cortex 1.3 GHz Quad Core Processor
	Memory	8GB Flash / 1GB RAM
	Expansion	Micro SD card slot with SDHC support (up to 32GB)
	SIM / SAM	2 SIM slots and 1 SAM slot
	Operating power	Replaceable and rechargeable 3.7V 2500 mAh Li-ion battery
	Working hours <sup>1</sup>	10 hours
	Alert	Tri-color LEDs, vibrator, speaker
Wireless communication	Interface supported	USB 2.0 OTG and charging contact
	WWAN <sup>2</sup>	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA / HSPA+ GSM / GPRS / EDGE: 850 / 900 / 1800 / 1900; UMTS / HSDPA / HSUPA: 850 / 900 / 1900 / 2100
	WLAN	IEEE 802.11 b/g/n
	WLAN security	WPA (PSK), WPA2 (PSK), WEP, TKIP, AES, EAP (MD5 CHAP, MS CHAP V2, TLS, PEAP)
	WPAN	Bluetooth® Class II, V4.0, V2.1 with Enhanced Data Rate (EDR)
	Bluetooth® profile	GAP, SDP, GOEP, SPP, OPP, HID, HSP, HFP, FTP, BPP, BIP, PBAP, A2DP, AVRCP, PXP, HOGP
	GPS	GPS, integrated with A-GPS ready
Data capture	Barcode scanning	Linear imager / Laser / 2D imager
	RFID read / write	HF RFID 13.56 MHz frequency which supports ISO14443A, ISO14443B, and ISO15693 Support NFC (Peer-to-Peer, Card Reader, Card Emulation)
	Camera	Autofocus 8 megapixels with user-controllable flash
Physical characteristics	Display	4.7" qHD 540 (W) x 960 (H), exceptionally bright image with 510 NITS, transmissive IPS LCD, Corning® Gorilla® Glass 3
	Touch panel	Capacitive touch with fingertip (bare or latex gloved) input
	Interactive Sensor Technology	Light sensor, proximity sensor, accelerometer, e-compass
	Keypad	Dedicated scan key, 4 programmable keys, volume up and down keys, left and right trigger keys
	Audio	Speaker, dual array digital microphones with echo and noise cancellation
	Size (LxWxH)	155 x 80 x 17.3 mm / 6.1 x 3.1 x 0.68 in.
	Weight (laser including battery)	260 g / 9.2 oz. with battery
User environment	Operating temperature	-20°C to 50°C / -4°F to 122°F
	Storage temperature	-30°C to 70°C / -22°F to 158°F
	Humidity (non-condensed)	Operating 10% to 90% / Storage 5% to 95%
	Impact resistance	SGS certified 1.2 m (4 ft.) multiple drops onto steel plate, 6 drops on each side / IP54 / 150 tumbles at 0.5 m With protective boot: SGS certified 1.5 m (5 ft.) multiple drops onto steel plate, 6 drops on each side / IP54 / 500 tumbles at 0.5 m
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge
Regulatory compliance	CE, RoHS, REACH, WEEE, ErP, RCM, NCC, FCC, JRL, TBL, CTA	
Development support	CipherLab API for Android	
Application software	Reader Configuration, AppLock, Programmable Keys, Kalipso Application Generator, SOTI MobiControl, Zello, MAPS.ME	
Accessories	Charging cradle, USB snap-on cable, micro USB cable, protective boot	
Warranty	1 year	

1. Minimum 10 hours under WLAN and laser scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, RFID off / Bluetooth® off / IEEE 802.11 b/g/n on. The test is based on one broadcasting packet per second.
2. The mobile computer has received general telecommunication certification for data communication. Please check with your local carrier for the optimum operating efficiency.



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