

Touch Mobile Computer

SF550

Sleek Consumer Style Outside, Compelling Enterprise Benefits Inside

- **Sleek and Portable**

SF550 features an ultrathin and Bezel-less design complimenting the sleek consumer-styling look yet, weighs only 138.6 gram providing maximum portability for long time operations.

- **Extended Product Life Cycle**

When purchasing a Bluebird product, you can be sure that the product will be supported for several years to come. Unlike suppliers of consumer-grade devices, Bluebird stands behind its products for years, significantly extending the product life cycle and protecting customers' investment in the company's products.

- **Always Connected**

Whether indoors or in the field, SF550 provides exceptional network connectivity with support for cellular, Wi-Fi, and Bluetooth, making sure the device stays connected wherever it goes.

- **OS Support**

SF550 runs Android 5.1 Lollipop with the option of customization. Bluebird can assist with tailoring the operating system to enhance security, simplify deployment, and reduce support costs.

- **5.5 inch, Scratch Resistant**

Designed to meet the needs for both consumer-styling and enterprise-class usability, SF550's 5.5 inch high definition multi-touch display protected by Corning® Gorilla® Glass 3 makes it exceptionally resistant to scratches and deep chips.



Specification

PERFORMANCE CHARACTERISTICS	
CPU	1.2 GHz Quad Core Processor
Operating System	Android 5.1 with GMS
Memory	2GB RAM / 16GB Flash
PHYSICAL CHARACTERISTICS	
Dimensions (L x W x D)	154.8 X 78.6 X 7.8mm 6.09 x 3.09 x 0.31 in.
Weight	4.89 oz. 138.6 g
Display	5.5 inch FHD (1920 x 1080)
Imager Window	Corning® Gorilla® Glass 3
Touchpanel	Capacitive multi-touch / Stylus
Backlight	LED backlight
Power	Integrated Battery 3.8V, 2600mAh
Expansion Slot	MicroSD up to 64GB
SIM / SAM	1 Micro SIM
Interface	1 Micro USB 2.0
Notification	Audible tone; vibration
Keypad	On-screen keypad
Voice and Audio	Dual noise-cancelling microphones; High-quality speaker phone; 3.5mm headset jack

WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
Radio Frequency Band	(Optional) • 4G : LTE • 3G : UMTS/HSDPA/HSUPA/HSPA/HSPA+ • 2G : GSM/GPRS/EDGE
GPS	(for WWAN only) A-GPS, GLONASS

WIRELESS LAN	
Radio	802.11 a/b/g/n
Data Rates	5GHz: 802.11a/n – up to 150 Mbps; 2.4GHz: 802.11b/g/n – up to 72.2 Mbps
Security and Encryption	WEP (40 or 104 bit) ; WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP, and AES) - EAPTTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PE APv0- MSCHAPv2, PE APv1-EAP-GTC, EAP Fast and LEAP

WIRELESS PAN	
Bluetooth	Bluetooth 4.1 BLE , Class 1
DATA CAPTURE	
Scanning	Camera barcode reading (optional)
Camera	Rear : 13MP Autofocus with flash Front : 5MP Fixed Focus
SENSOR	
Light Sensor	Ambient Light Sensor
Motion Sensor	Accelerometer, e-compass, Proximity
USER ENVIRONMENT	
Operating Temp	-20°C to 55°C / -4°F to 131°F
Storage Temp	-30°C to 70°C / -22°F to 158°F
Humidity	95% non-condensing
Drop Spec	Multiple 0.8m to Marble Plate at room temperature
Electrostatic Discharge (ESD)	±8KV air discharge ±4KV direct discharge

* Specification subject to change without notice