

Touch Mobile Computer



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

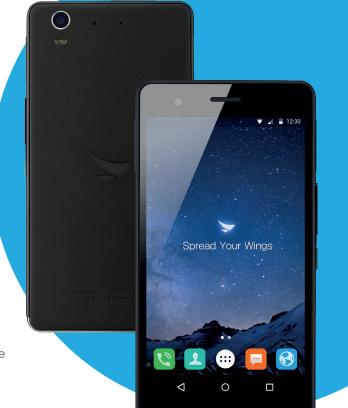
Whether indoors or in the field, SF550 provides exceptional network connectivity with support for cellular, Wi-Fi, and Bluetooth, making sure the device stays connected wherever it goes.

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	Accellerometer, 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

Bluebird Inc.(Corporate Headquarters)

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