

Mobile Computer SF650

Managed Smartphone which has Sleek Consumer Style Look On The Outside, Compelling Enterprise Benefits Inside

- Compact & Sleek Design
- Enhanced Durability & Lifecycle
- Supported by BOS™ Enterprise Solutions
- High-Capacity Battery, Power for Hours
- Multi-Touch Support



OS
Android 12;
Upgradeable to Android 15



Performance
2.0Ghz Octa-Core
Processor



Wireless
LTE, Wifi, Bluetooth
Support



Battery
5000mAh



Operation Temp
-20°C to 50°C
-4°F to 122°F



Camera
13MP Autofocus with flash
5MP Fixed Focus



Display
6.5" HD+
(1600x720)



Multi Touch
Multi Touch Support

• Key Features

Sleek & Portable

SF650 features an ultra-thin, Bezel-less design complimenting the sleek consumer-style look.

Supported by BOS™ Enterprise Solutions

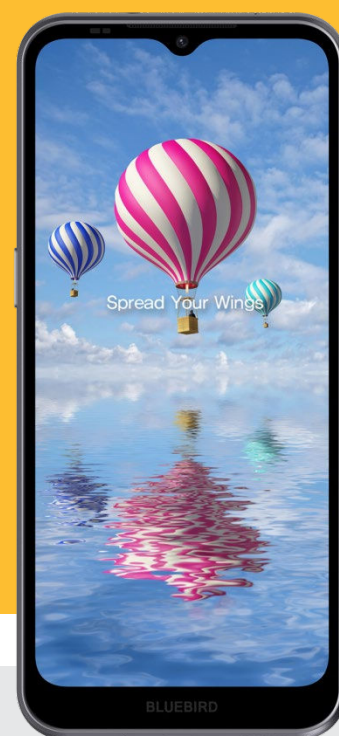
Bluebird BOS™ (Business Optimizing Solutions) is supported with the purchase of this device. You can access specialized applications in Business such as PTT Express, Wi-Fine™, Provisioning & Staging solutions without additional cost. These services are an accumulation of Bluebird's know-how and experience of over 2 decades.

High-Capacity Smart Battery, Power for Hours

With a 5000mAh battery and PowerManager™, one of many Bluebird BOS™ Solutions offered with this device, the running-time on the SF650 has a significant advantage when compared to its competitors.

Always Connected

Whether indoors or in the field, the SF650 is connected wherever it goes. The SF650 provides exceptional network connectivity with support for cellular, Wi-Fi, and Bluetooth.



Industry & Applications

Healthcare

- EMR/EHR
- Pharmacy Management

Retail

- Customer Engagement
- BOPIS (Buy online, Pick up in store)
- Shelf Management
- Backroom Management

Hospitality

- Order Taking

BOS™ Solutions & Software

- BOS™ Provisioning
- BOS™ Staging
- BOS™ Kiosk
- BOS™ Virtual Key
- BOS™ Enterprise Keyboard
- BOS™ VoIP, PTT, PTT Express
- BOS™ EMM
- BOS™ Wi-Fine™ (WIFI analyze application)
- BOS™ SecureID

3rd Party Solutions Integration

- EMM : Airwatch, MobileIron, Mobicontrol, IBM Mass360, XenMobile
- PTT : ESChat, Zello, IMPTT, EveryTalk, AirPTT

Bluebird Warranty Service

- BluebirdCare™
- BluebirdCare™ TSC

Specifications

PERFORMANCE CHARACTERISTICS

CPU	2.0 GHz Octa Core Processor; IoT CPU with Lifecycle Guaranteed by 2028
Operating System	Android 12; Upgradeable to Android 15
Memory	4GB RAM / 32GB Flash

PHYSICAL CHARACTERISTICS

Dimensions (L x W x D)	169 x 77.8 x 9.9 mm
Weight	210g
Display	6.5" HD+ (1600 x 720), TFT-IPS; 400 nits
Backlight	LED backlight
Power	19.25 Watt Hours, BoS™ Power manager Station
Expansion Slot	MicroSD 32GB SDHC, up to 128GB SDXC
SIM	1 Nano SIM
Interface	USB Type C Connector (USB 2.0)
Notification	Audible tone; multi-color LEDs; vibration
Keypad	On-screen keypad and BOS™ Keyboard power button; volume up/down buttons
Voice and Audio	Dual noise-cancelling microphones; High-quality speaker phone, 3.5mm headset jack

WIRELESS WAN

Radio Frequency Band	One Global SKU LTE-FDD : B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B66 LTE-TDD: B38, B39, B40, B41 WCDMA : B1, B2, B4, B5, B8, B19 GSM : 850, 900, 1800, 1900
GPS	(for WWAN only) A-GPS, GLONASS, BEIDOU, Galileo

WIRELESS LAN

Radio	802.11 a/b/g/n/ac, 2.4 GHz + 5 GHz Wi-Fi™ certified; Wi-Fi hotspot
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WIRELESS PAN

Bluetooth	Bluetooth 5.1 BLE , Class 2
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DATA CAPTURE

Camera	Rear : 13MP Autofocus with flash Front : 5MP Fixed Focus
NFC	ISO 14443 Type A and B; F; FeliCa, and ISO 15693 cards, MiFare

SENSOR

Light Sensor	Ambient Light
Motion Sensor	Proximity, Gyro, Accelerometer, E-Compass

USER ENVIRONMENT

Operating Temp	-20°C to 50°C / -4°F to 122°F
Storage Temp	-30°C to +70°C / -22°F to +158°F
Humidity	95% non-condensing
Drop Spec	1.2m / 4ft. drop per MIL-STD 810G with Protective Case
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge