

CF550

The right choice for your business

- Designed for Enterprises and Experts
- Seamless Communication in Any Work Environment
- Light, Comfortable Design to Carry Around
- Strong Security via Bluebird SecureCare™
- An Enterprise-class Performance at a Reasonable Cost
- A Variety of Accessories for Enterprises
- Various BOS™ Software Available



OS
Android 11
with GMS



Performance
Octa-Core Processor



Wireless
Wifi, Bluetooth
Support



Battery
User Replaceable



Scanning
1D & 2D imager



Sealing
IP67 (WWAN)
IP54 (WiFiOnly)



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



Camera
13MP Autofocus
with flash



Display
5.45" HD+
(1440x720)



Drop Resistance
Multiple 1.2 m (4 ft) drops to
tile over concrete at room
temperature

Key Features

Design for your work

The product is optimized for your work at enterprises based on built-in barcode reader and waterproof/dustproof ratings.

Convenient side buttons

The product's dual-action side scan triggers enable you to conveniently scan a barcode. You can use the product for various usages including PTT hot-key.

A variety of accessories for enterprises

We provide 1 or 4 slot charging cradle, trigger handle, handstrap, stylus holder, etc. for your convenient use of the product and you can use the product along with the optical fingerprint module add-on and the UHF RFID reader sled (w/RFR90x).

Slim, refined design

Its smartphone-like exterior and Android UI allow anyone to use it easily. Its light weight reduces your fatigue during work.

Reliable security management

It provides an environment where your company can safely operate the device via Bluebird SecureCare™ which is an Android security service program of Bluebird.

Enterprise-class device at a reasonable cost

The product offers all essential features for SMEs, while allowing you to build a mobile environment of your company at a much lower cost than the existing full-featured devices.

Industry & Applications

Retail

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

Warehouse Management

- Receiving
- Stocking
- Shipping

Hospitality

- Order Taking

BOS™ Solutions & Software

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

3rd Party Solutions Integration

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

Specifications

PERFORMANCE CHARACTERISTICS	
CPU	2.0 GHz Octa Core Processor
OS	Android 11 with GMS
Memory	3GB RAM / 32GB Flash

PHYSICAL CHARACTERISTICS	
Dimension (L x W x D)	158.26 x 75.8 x 14.9 mm
Weight	251g
Display	5.45" HD+ (1440 x 720), TFT-IPS
Touch Panel	Corning® Gorilla® Glass 5
	Capacitive multi-touch (Stylus, Glove, Wet)
Backlight	LED backlight
Power	User replaceable battery 3.85V / 4350 mAh
Expansion Slot	MicroSD up to 128GB SDXC
SIM / SAM	Dual SIM - 1st Nano SIM - 2nd Nano SIM (by Micro SD slot)
Interface	USB Type C Connector (OTG) Docking Connector 2 Pin (Charging)
Notification	Audible tone; multi-color LEDs; vibration
Keypad & Button	1 power button; Volume up/down buttons; Home, Back, Menu buttons; Dual-action side scan triggers
Voice & Audio	Dual noise-cancelling microphones; High-quality speaker phone; 3.5mm headset jack
PTT Hot Key	Support - available dual-action side scan triggers

WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
Radio Frequency Band	- LTE FDD : B2/B3/B4/B5/B7/B8/B9/B18/B19/B20 /B26/B28 - LTE TDD : B38/B39/B40/B41 - WCDMA : B1/B2/B4/B5/B8 - GSM/EDGE : 900/1800/850/1900
GPS	(for WWAN only) GLONASS; Gallileo; BeiDou, and A-GPS

WIRELESS PAN	
Bluetooth	BT5.0 BLE, Class 2

WIRELESS LAN	
Radio	802.11 a/b/g/n/ac/h/i/k/r/w
Data Rates	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144 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

WIRED LAN	
Ethernet	Support (w/ Ethernet Cradle)

DATA CAPTURE	
Scanning	1D & 2D Imager (SE4710)
Camera	Rear – 13MP Autofocus with flash
NFC	ISO 14443 Type A and B; F; FeliCa, and ISO 15693 cards, MiFare

SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Proximity, Gyroscope, 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	5% to 95% RH non-condensing
Drop Spec	Multiple 1.2 m (4 ft) drops to tile over concrete at room temperature; 1.5m (4.9ft) MIL-STD-810G
Tumble Spec	300 tumbles, 1.6 ft./0.5 m
Sealing	WiFi SKU : IP54 WWAN SKU: IP67
Vibration	4G peak, 5Hz to 2kHz, 1 hour duration per axis
Thermal Shock	-40°C to 70°C / -40°F to 158°F rapid transition 10 cycles (1 cycle = 1.25 hours at -40°C and 1.25 hours at 70°C)
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

SW SOLUTION	
BOS™	- Provisioning; - Staging; - Kiosk; - Virtual Key; - Enterprise Keyboard; - VoIP; PTT; PTT Essential - EMM; - Wi-Fine™ (WIFI analyze application)
3rd Party Solutions Integration	- EMM : Airwatch, MobileIron, Mobicontrol, Mass360, XenMobile - PTT : MCPTT, ESChat, Zello, IMPTT, EveryTalk, AirPTT

ACCESSORIES	
Accessories	1 or 4 Slot Charging cradle, 1 or 4 Slot Ethernet cradle, Handstrap & Stylus Holder, Screen Protect Film, Trigger Handle, UHF RFID Reader Sled (w/RFR900), Optical Fingerprint Please visit our official website or contact to our sales representative for availability of the above accessories.

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