A **TSC** Company
**BLUEBIRD**

## 5G Android Enterprise tablet with total business optimized solution

# T30

Wi-Fi CERTIFIED    Wi-Fi ALLIANCE

### Industry & Applications

**Retail – Store associates**
- Inventory management
- Item locator
- Line busting
- Voice Communication

**Retail – Store managers**
- Back of store management

**Manufacturing**
- Order/returns processing
- Inventory Management
- Customer service
- Work order management

**Postal Carriers/Courier Drivers**
- Scheduling
- Proof of Pick-up/Delivery
- Route optimization

**Warehouse/Distribution**
- Picking
- Voice communications

**Government/Public Saftey**
- eCitation
- Situational awareness
- Communication and Collaboration
- Asset management

### BOS™ Solutions & Software

- BOS™ Provisioning; Staging; Kiosk;
- BOS™ NEST
- BOS™ Wi-Fine™ (Wi-Fi analyze application)
- BOS™ VoIP
- BOS™ BOS™ PTT, PTT Essential

### 3rd Party Solutions Integration

- NEST: Airwatch, MobileIron, Mobicontrol, Mass360, XenMobile

✔ Bluebird introduces T30, which is the cutting-edge tablet with stable network and long lifecycle. The OS of T30 is Android 13 - it is upgreadable to Android 17, which is the latest Android version ever before. You can replace the battery on-site without visiting the service center when its life is almost depleted, and Bluebird's BOS™ PowerManager manage the battery to reduce your work hours. Enjoy the improved work efficiency, various features and customer-style design of T30.

# Key Features

## BEST-IN-CLASS FEATURES AND POWERFUL PERFORMANCE

### Big & Robust Display

10.1-inch multi-touch display of T30 is using Corning® Gorilla® Glass. It applied Bluebird's Multi-touch technology which supports glove/stylus touch.

### Long-lasting Battery

T30 features a 3.89V battery with a capacity of 30.34 Watt Hours or 8,000mAh. Itis possible to replace the battery of the T30 on-site when its life is nearly depleted.
Furthermore, Bluebird's BoS™ Power manager Station manages battery life and it helps users can utilize battery longer.

### Enterprise Performance

With Android 13 which is upgradeable to Android 17, T30 makes your work faster and save your working hours. Also, it can enhance your work efficiency by the brand new CPU Qualcomm Snapdragon®.

# Key Features

## BEST-IN-CLASS FEATURES AND POWERFUL PERFORMANCE

### Rugged device for everyday work

T30 has wide operatirig temperature, and can be used in environments where it is exposed to water, moisture, and dust. If you put rugged case on T30, you can still use it after dropping it from 1.6m (5.24ft).

### Slim & Refined Design

T30 is for the customers who wants consumer-style design tablets with enterprise specifications. There is no worries about Customers who were using consumer tablets can reduce their worries about high TCO by T30.

### Good readability for work purpose

T30 features a display designed to offer wide and clear visibility in various work environments. You can see the display of T30 and even under bright indoor lighting.

## CONVENIENT CONNECTION & COMMUNICATION

### NFC Supporting Device

Compared to other tablets which doesn't have NFC, T30 offers Contactless Payment. It makes convenient customer experiences by reducing payment time.

### Globally Proven Network Quality

Bluebird's stable technology of network is installed In T30. T30 has 1 Band WWAN SKU, and it has already been proven by long operation of Bluebird.

### Device with Stable Connectivity

T30 has the cutting-edge Bluebird technology that helps networks to be flawlessly tunned. You don't have to worry about the disruption of your work flow due to the network connection.

## MANAGE YOUR WORK EFFICIENCY BY BOS™ OF BLUEBIRD

### Manage your device easily

BOS™ Wi-Fine manage Wi-Fi connection stable. Also, With BOS™ Kiosk, you can restrain apps and device features.

### Reliable Security

BOS™ NEST delivers visibility and lets IT admin stay in control of multiple mobile devices in their system, regardless of type of devices or operating systems, all from a single dashboard–enabling access control for shared devices and managing user ID and device groups. From deployment to retirement, BOS™ NEST makes it easy to manage mobile devices and mobilize the workforce to gain competitive advantage, while maintaining corporate data security.

### Easy initial device setup & security provisioning for hardware

Bluebird BOS™ Provisioning is designed to make the installation process faster and simpler, allowing customers to have all their devices ready for use as easy as possible. Once you create a staging file with all the required configurations, device settings and applications, devices will automatically configure themselves whether you connect devices to PC or simply scan a QR code without manual procedures.

# Specifications

## PERFORMANCE CHARACTERISTICS

| | |
|---|---|
| CPU | Qualcomm QC4490 octa-core, 2.4 GHz |
| Operating System | Android13 (Upgradeable to Android 17) |
| Memory | 6GB RAM / 4GB UFS 3.1 Flash 6GB RAM / 28GB UFS 3.1 Flash (optional) |

## PHYSICAL CHARACTERISTICS

| | |
|---|---|
| Dimensions (L x W x D) | 256.6 × 165 × 11.4 mm |
| Weight | 690 g |
| Display | 10.1 inch WUXGA (1920×1200), LED back-light, TFT IPS |
| Imager Window | Corning® Gorilla® Glass |
| Touchpanel | Multi-mode capacitive touch with bare or gloved fingertip input or conductive stylus (sold separately), Corning Gorilla Glass; water droplet rejection; fingerprint resistant anti-smudge coating |
| Power | 8,000mAh BOS™ PowerManager for realtime battery management |
| Expansion Slot | User accessible MicroSD; supports up to 2TB |
| SIM / SAM | (Only WWAN SKU) • 1 Nano SIM • 1eSIM |
| Interface | USB-C 3.1 OTG Buttom10-pin Communication & Charging Connector 1/0 Rear Side: 10-pin Communication & Charging 1/0 |
| Notification | Audible tone Multi-color LEDs; (charging) Vibration |
| Keypad | Virtual, Bluetooth, USB |
| Voice and Audio | Two microphones with noise cancellation Vibrate alert Dual speakers; (1W 2x Speakers) 3.5mm audio jack PTT headset support Bluetooth wireless headset support, SWB & FB audio |

*Android version is subject to change depending upon Qualcomm's roadmap.
*Please be informed that Bluebird warranty program should be purchased to get Android upgrade service.

## WIRELESS WAN DATA AND VOICE COMMUNICATIONS

| | |
|---|---|
| Radio Frequency Band | (Only WWAN SKU) Worldwide • 5G FR1: n1/2/3/5/7/8/12/13/14/20/25/26/28/29/38/ 39/40/41/48/66/71/77/78/79 • 4G: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/ 34/38/39/40/41/42/43/48/66/71 • 3G: B1/B2/B4/B5/B8/B19 • 2G: 900/1800/850/1900 • Dual SIM / Dual Standby,VoLTE, GigabitLTE-A • 5G NR Sub-6 (NSA, SA), LTE/NR Carrier Aggregation • Supports private networking (LTE/5G) • 5G 2Tx support (n48/77/78/79) |
| GPS | (Only on WWAN SKUs) • GPS, GLONASS, Galileo, BeiDou, QZSS, Dual-Band GNSS • GNSS — concurrentL1/G1/E1/B1 (GPS/QZSS,GLO, GAL, BeiDou) + L5/E5a/BDSB2a (GPS/QZSS, GAL, BeiDou); a-GPS; supports XTRA |

## WIRELESS LAN

| | |
|---|---|
| Radio | IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax; 2×2 Mu-MIMO; Wi-Fi™ 6E (801.11ax); Wi-Fi certified; Wi-Fi™ 6E Certified; Dual Band Simultaneous; IPv4, IPv6 |
| Data Rates | 6 GHz: 802.11ax — 20 MHz, 40 MHz, 80 MHz, 160 MHz — up to 2402 Mbps; 5 GHz: 802.11a/n/ac/ax — 20 MHz, 40 MHz, 80 MHz, 160 MHz — up to 2402 Mbps; 2.4 GHz: 802.11b/g/n/ax — 20 MHz up to 286.8 Mbps |
| Security and Encryption | WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES) — EAP-TTLS (PAP, MSCHAP, MSCHAPv2); EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAP-PWD; TC78 WWAN models only — EAP-SIM, EAP-AKA; WPA3 Enterprise 192-bit mode (GCMP 256) — EAP-TLS; Enhanced Open (OWE) |

## WIRELESS PAN

| | |
|---|---|
| Bluetooth | Class 2, Bluetooth v5.2 |

## WIRED LAN

| | |
|---|---|
| Ethernet | Support (w/ Ethernet Cradle - 1GHz) |

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**BLUEBIRD**

# Specifications (Continued)

## DATA CAPTURE

| | |
|---|---|
| Camera | Rear: 13 MP autofocus; flash LED, PDAF; Torch mode+HDR; better low light performance<br>Front:8MP FF |
| NFC | ISO 14443 Type A and B<br>FeliCa and ISO 15693 cards<br>P2P mode and Card Emulation via Host Card Emulation via Host<br>Contactless payment support, ECP1.0 and ECP2.0 polling support<br>Apple VAS certified |

## SENSOR

| | |
|---|---|
| Light Sensor | Ambient Light |
| Other Sensors | 3-axis accelerometer with MEMS Gyro<br>eCompass<br>Proximity Sensor |

## USER ENVIRONMENT

| | |
|---|---|
| Operating Temp | -20ºC to 50ºC / -4ºF to 122ºF |
| Storage Temp | -40ºC to +70ºC / -40ºF to +158ºF |
| Humidity | 95% non-condensing |
| Drop Spec | 5.24 ft. / 1.6m per MIL-STD-810H with Rugged case |
| Tumble Spec | 300 tumbles 3.3 ft. / 0.5 m tumbles with Rugged case |
| Sealing | IP65 |
| Vibration | 4G Peak Sine (5 Hzto 2 kHz)<br>0.04g2/Hz Random (20 Hzto 2 kHz)<br>60 minute duration peraxis, 3 axis |
| Thermal Shock | 40ºC to 70ºC / 40ºF to 158ºF rapid transition<br>10 cycles (1 cycle = 1.25 hours at -40ºC and 1.25 hours at 70ºC) |
| Electrostatic Discharge (ESD) | +/-15kv air discharge<br>+/-8kv contact<br>+/-8kv indirect |

## SOFTWARE SOLUTIONS

| | |
|---|---|
| BOS™ | • Provisioning;<br>• Staging;<br>• Kiosk;<br>• NEST;<br>• Wi-Fine (Wi-Fi analyze application)<br>• VoIP;<br>• PTT;<br>• PTT Essential |
| 3'rd Party Solutions Integration | NEST: Airwatch, Mobilelron, Mobicontrol, Mass360, XenMobile |

*Specifications are subject to change upon manufacturer's condition.