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A TSC Company BLUEBIRD

T30

10" Smart Rugged Tablet Computer

5G Android Enterprise Tablet with Total Business Optimized Solution

T30 is the cutting-edge tablet with stable network and long lifecycle. The OS of T30 is Android 13 (upgradable 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 our BOS™ Power Manager manages the battery to reduce your work hours. Enjoy the improved work efficiency, various features and customer-style design of T30.

Key Features

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 31.20 Watt Hours or 8,020mAh. It is 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 QC4490.

Rugged Device for Everyday Work

T30 has wide operating 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).

Latest 5G Communications

Equipped with the latest 5G connectivity, the T30 delivers blazing-fast speeds and seamless network stability. By accelerating data transfer rates and optimizing network efficiency, the T30 radically elevates the overall user experience.



Applications

Retail

- Inventory management
- Item locator
- Line busting
- Voice communication
- Back of store management

Manufacturing

- Order/returns processing
- Inventory management
- Customer service
- Work order management

Warehouse & Distribution

- Picking
- Voice communications

Postal Carriers / Courier Drivers

- Scheduling
- Proof of pick-up/delivery
- Route optimization

Government & Public Safety

- E-Citation
- Situational awareness
- Communication and collaboration
- Asset management

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Key Features

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.

NFC Supported 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

BOS™ NEST delivers visibility and lets IT administrators 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.

Device with Stable Connectivity

T30 has the cutting-edge technology that helps networks to be flawlessly tuned. You don't have to worry about the disruption of your work

Easy Device Management

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

Easy Initial Device Setup & security provisioning for hardware

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.

Reliable Security

BOS™ NEST delivers visibility and lets IT administrators 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.

BOS™ Solutions & Software

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

3'rd Party Solutions Integration

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

T30 Specifications

Performance Characteristics

CPU	Qualcomm QC4490 octa-core, 2.4 GHz
Operating System	Android 13 (Upgradeable to Android 17)
Memory	6GB RAM / 64GB UFS 3.1 Flash

Physical Characteristics

Dimensions (L x W x D)	256.6 x 165 x 11.4 mm
Weight	650 g
Display	10.1-inch WUXGA (1920x1200), LED backlight, TFT-IPS; Min. 400 nits / Typ. 500 nits Corning® Gorilla® Glass
Touch panel	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	Li-Polymer 8000mAh / 3.89V (30.34Wh) BOS™ PowerManager for real-time battery management
Quick charging	Fast charging via POGO or USB Type-C Qualcomm QC3.0 Supported
Expansion Slot	User accessible MicroSD supports up to 2TB
SIM / SAM	(Only WWAN SKU) 1 Nano SIM, 1 eSIM
Interface	USB-C 3.1 OTG Bottom : 10-pin Communication & Charging Connector I/O Rear Side: 10-pin Communication & Charging I/O
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

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, Gigabit LTE-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 WWAN SKU) GPS, GLONASS, Galileo, BeiDou, QZSS, Dual-Band GNSS — concurrent L1/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 2x2 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, AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP, 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 (GCMP256) - EAP-TLS; Enhanced Open (OWE)

Wireless Pan

Bluetooth	Class 2, Bluetooth v5.2

Wired Lan

Ethernet	Support (w/Ethernet Cradle - 1Gbps)

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Data Capture

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

Sensor

Light Sensor	Ambient Light
Motion Sensor	3-axis Accelerometer with MEMS Gyro, E-Compass, Proximity Sensor

User Environment

Operating Temp	-4°F to 122°F / -20°C to 50°C
Storage Temp	-40°F to +158°F / -40°C to 70°C
Humidity	95% non-condensing
Drop Spec	Multiple 1.0 m (3.2 f.t) drops to tile over concrete at room temperature 1.6 m (5.24 ft.) drop 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 Hz to 2 kHz); 0.04g2/Hz Random (20 Hz to 2 kHz); 60 minute duration per axis, 3 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)	+/-15kV air discharge +/-8kV contact +/-8kV contact

Software Solutions

BOS™	BOS™ Provisioning BOS™ Staging BOS™ Kiosk	BOS™ EMM BOS™ Wi-Fine (Wi-Fi analyze application) BOS™ VoIP; PTT; PTT Essential
3'rd Party Solutions Integration	EMM : Airwatch , MobileIron , Mobicontrol, Mass360, XenMobile	

*Subject to the terms of the hardware warranty statement, the T30 is warranted against defects in workmanship and materials for a period of 1(one) year from the date of shipment.