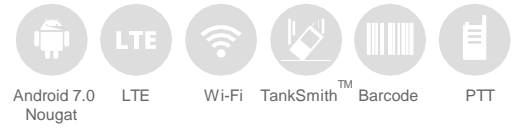


Touch Mobile Computer

EF501R



The One Device that Does All

- **Ultimate Performance**

A powerful octa-core processor ensures higher level of performance that can run multiple applications with minimum power consumption. Running Android 7.0 Nougat, the EF501R provides ultimate on-the-go productivity packed with enterprise-focused features.

- **Enterprise Durability**

Bluebird's most rugged 5-inch touch mobile computer for use outdoors and in harsh industrial environments. Perfectly combines premium enterprise class mobility and rugged industrial design.

- **All-Day Power**

High-capacity, user replaceable battery delivers the longest working hours and with Hot-Swap mode, users can change the battery without having to reboot, keeps the device in full service.

- **Exceptional Connectivity**

Whether indoors or in the field, EF501 provides the fastest, reliable wireless connections with support for the fastest Wi-Fi and 4G LTE, enabling workers to stay connected from anywhere.

- **The Most Advanced Scanning**

With the advanced scanning technology, workers can capture 1D and 2D barcodes as well as dirty and damaged barcodes quickly and accurately.



Industries

Retail
Field Services
Healthcare
Transportation & Logistics
Warehouse Management

Use Cases

Customer Engagement
Merchandising & Inventory Checks
Competitive Pricing
Staf Collaboration & Communication
Order Taking

EF501R Specification

Accessories

| | | |
|---------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERFORMANCE CHARACTERISTICS | CPU | 2.0 GHz Octa Core Processor |
| | Operating System | Android 7.X |
| | Memory | 2GB RAM / 16GB Flash (Default), 4GB RAM / 32GB Flash (Optional) |
| PHYSICAL CHARACTERISTICS | Dimensions (L xW x D) | 155.6 x 77.95 x 16.5 mm |
| | Weight | 260g(with standard battery) 330g(with extended battery) |
| | Display | 5.0 inch. HD (1280 x 720) |
| | Imager Window | Corning Gorilla Glass 3 |
| | Touchpanel | Capacitive multi-touch Glove, Wet, Stylus |
| | Backlight | LED backlight |
| | NIT | 330 Nit, 500 NIT (Optional) |
| | Power | User replaceable BatteryStandard: 3.8V, 3200 mAh Extended: 3.8V, 6400 mAh |
| | Hot swap | Support |
| | Quick charging | 2.2 hours, Normal battery with charging cradle 3.8 hours, Extended battery with charging cradle |
| | Expansion Slot | MicroSD 32GB SDHC, up to 128GB SDXC |
| | SIM / SAM | 2 Micro SIM / 1 SAM |
| | Interface | 1 x USB Type C (3.0)Docking Connector (USB 2.0) |
| | Notification | Audible tone; multi-color LEDs; vibration |
| | Keypad | On-screen keypad |
| WIRELESS WAN DATA AND VOICE COMMUNICATIONS | Radio Frequency Band | (Optional) Korea -LTE : 850, 2100, 2600 (FDD 5,1,7) Worldwide -LTE : 800, 850, 900, 1800, 2100, 2600 (FDD 20,5,6,8,9,3,1,7) -UMTS/HSPA/HSPA+ : 850/900/1800/2100 (FDD 5,8,3,1) -GSM/GPRS/EDGE: 850/900/1800/1900 Americas - LTE : 850/1700/1800/1900/2100/2600 (FDD 5,4,3,2,1,7) - UMTS/HSPA/HSPA+ : 850/1700/1800/1900/2100 (FDD 5,4,3,2,1) - GSM/GPRS/EDGE: 850/900/1800/1900 |
| | GPS | A-GPS, GLONASS, BEIDOU (Default)A-GPS, GLONASS, Galileo (Optional) |
| | Radio | 802.11 a/b/g/n/d/h/i/r/ac |
| WIRELESS LAN | Data Rates | 5GHz: 802.11a/n/ac — up to 500 Mbps;2.4GHz: 802.11b/g/n — up to 144Mbps |
| | 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, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, EAP Fast3 and LEAP |
| WIRELESS PAN | Bluetooth | Bluetooth 4.2 LE , Class 1 |
| WIRED LAN | Ethernet | Support (w/ Ethernet Cradle) |
| COMMUNICATION AND MESSAGING | | VoIP / PTT |
| DATA CAPTURE | Scanning | 1D&2D imager |
| | Camera | Rear : 13MP Autofocus with flashFront : Not Support |
| | NFC | (Optional)ISO 14443 Type A and B; F; FeliCa, and ISO 15693 cards, MiFare |
| PAYMENT | Biometrics | Support (Optional) - FIPS-201 |
| | MSR | Support (Optional) |
| SENSOR | Contact | Support (Optional) |
| | Light Sensor | Ambient Light |
| USER ENVIRONMENT | Motion Sensor | Proximity, Gyroscope, Accelerometer, Magnetic |
| | Operating Temp. | -20°C to 60°C / -4°F to 140°F |
| | Storage Temp. | -40°C to 70°C / -40°F to 158°F |
| | Humidity | 95% non-condensing |
| | Drop Spec. | 2.4m / 8 ft. to concrete at room temp. per MIL-STD 810G |
| | Tumble Spec. | 2,000 3.2ft./1.0 m tumbles; meets and exceeds IEC tumble specifications |
| | Sealing | IP67 |
| | Vibration | 4 g's PK 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 rapid transition |
| | Electrostatic Discharge (ESD) | +/-15kVdc air discharge+/-8kVdc direct discharge+/-8kVdc indirect discharge |



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