

# EC30 Enterprise Companion

The ultimate device for all of your unconnected workers

For associates without mobile voice and data, the simple act of locating a supervisor to answer a question or looking up item availability can take minutes. Service quality is reduced. And you could lose sales when impatient customers walk away. Introducing the EC30, the right-priced mobile device with the right mobile connections for today's unconnected associates. The EC30 is specially designed for portability — it's small, lightweight and durable. Over 18 Zebra-only innovative Mobility DNA tools take ease of use, integration, deployment and everyday management to a new level, providing unmatched functionality and value. The EC30 delivers comprehensive voice capabilities — it's a walkie-talkie and a cordless PBX handset (optional). Data capabilities include secure text messaging and 1D/2D barcode scanning. And you can leverage your current line-of-business applications by selecting and extending features to improve task and inventory management, and more. The result? A fully connected and highly productive workforce. Maximum store operational efficiency. Superior customer service. And more sales. The EC30 — the perfect companion for your unconnected workforce.



## All of the right features for your unconnected workers

### Ultra-portable, pocketable and wearable

Weighing less than four ounces and just a half-inch thin, the EC30 is easily tucked in a pocket, safely and comfortably worn on a lanyard, clipped on a uniform, worn on a holster or arm band and more.

### An advanced easy-to-use display

The 3-inch color display provides just-right screen real estate to display the information associates need to perform core everyday tasks faster and more efficiently — from looking up item price and

availability to replenishing inventory on the retail floor. Android provides instant familiarity. And with the EC30's capacitive touch technology, workers can interact with applications using a finger — even with light gloves.

### No-cost instant push-to-talk (PTT)

Get PTT services right out of the box with Mobility DNA's PTT Express. With the press of a button, associates can instantly reach team members to answer customer questions, notify stockroom workers to bring an item to the sales floor or contact a manager for assistance. The result? A more collaborative and responsive workforce that can better serve your customers. Since PTT Express is pre-installed and pre-licensed on every EC30, you can enable instant PTT communications with any other worker or manager carrying any PTT Express-enabled Zebra mobile device inside your facility. Want to enable advanced PTT features such as private 1-to-1 and group calls to workers in any location over WiFi networks, locationing, presence and more? With Mobility DNA's Workforce Connect PTT Pro it's easy — you can get this optional cloud-based subscription service up and running in as little as a day.

### Fully-featured cordless deskphone functionality

Enable workers anywhere in the store to answer incoming PBX calls right on the EC30 with Mobility DNA's optional Workforce Connect Voice. And since Voice uses a Bluetooth or corded headset, callers are assured of privacy. The results? No more long wait times on hold, abandoned calls, lost customers or lost sales.

The perfect device for all your unconnected workers — the price you want, the features your workers need, the durability your business demands and the manageability IT requires.

For more information, visit [www.zebra.com/ec30](http://www.zebra.com/ec30)

**Easy and secure text messaging**

The optional Workforce Connect PTT Pro offers secure text messaging, providing the crucial security required in retail. Other advanced text-based features include Message of the Day, allowing managers to send important audio and video announcements to all or select groups of workers — making it easy to reach associates who don't have company email.

**Fast and dependable barcode scanning**

Unlike competitive devices that are voice-only, the EC30 offers an integrated 1D/2D barcode scanner so workers can scan barcodes to perform core tasks faster and more efficiently, from price checks to item lookup, time and attendance tracking and more.

**Durable for all-day, every day use**

Drop it on the floor. Spill water on it. Use it in a dusty backroom or out in the rain. Even clean it after use in the deli or in between shifts. The EC30 can handle it all.

**Full-shift power**

A full charge provides enough power for an 8 to 10 hour shift. And with Zebra's free PowerPrecision+ battery management tools, you can easily manage battery health across your entire device pool, ensuring that associates always begin each shift with a healthy and fully-charged battery.

**Dependably superior WiFi connections**

Best-in-class WiFi technologies extend WiFi range, increase WiFi speed and strengthen WiFi connections, providing associates with constant application availability and near-instant application response times.

**Easy integration, deployment and management**

**The power of a single platform for your entire retail operation**

The EC30 joins Zebra's new ultimate Android mobile device family, which includes Android mobile handheld, vehicle mount and tablet computers that all share the same Zebra Android platform. IT support time and costs are reduced — with a common OS, processor, WiFi and Bluetooth radios and more, there's just one platform for IT to understand and manage. And with the ultra-powerful SD660 processor and advanced memory architecture, you get the same superior performance on all your voice and data applications on all of your ultimate family devices.

**Supports your standard mobile device management system**

Device management is easy with support for AirWatch and SOTI. Now you can manage your EC30 with the same Enterprise Mobility Management (EMM) solution you use to manage your other Zebra mobile devices — unlike competitive solutions.

**Supports your existing line-of-business applications**

Modify existing line-of-business applications to extend features suitable for display on the 3-inch EC30 display to improve worker productivity and store operational efficiency. The time and cost to develop task management, product lookup and other applications for the EC30 is minimized, while the value of your current line-of-business applications is maximized.

**Enterprise charging options for easy backroom management**

Create a cost-effective rack-mounted backroom charging solution with the two-slot or 10-slot ShareCradle that can accommodate your EC30 and other select Zebra mobile computers and printers.

**The ultimate in value with Mobility DNA — only from Zebra**


**Improve ease-of-use, manageability, performance, security and application development simplicity**

Mobility DNA's large family of applications brings unsurpassed value to Zebra Android devices, including the EC30 — and many applications are pre-loaded and ready to use at no cost. LifeGuard™ for Android™ ensures the availability of security updates every day your EC30 devices are in service — along with easy, revolutionary end-to-end control of the OS update process. Easily find misplaced devices with Device Tracker. Identify device issues that can be repaired on site to eliminate needless trips to the Zebra Repair Center — and device downtime — with Device Diagnostics. Maximize the performance of your WiFi network to create more reliable WiFi connections with WorryFree WiFi. Easily stage devices for use with StageNow — including disabling any standard Google Mobile Services (GMS) that may not be suitable for use in your business. Only enable workers to use the applications and device features you specify with Enterprise Home Screen to prevent personal use of the device during business hours. Provide your users with a customized on-screen keyboard that enables faster data entry with Enterprise Keyboard. And much more.


# EC30 Specifications

Physical Characteristics	
Dimensions	4.5 in. W x 2.2 in. H x 0.55 in. D 114 mm W x 57 mm H x 14 mm D
Weight	3.88 oz./110 g
Display	3 in. color display FWVGA (854 x 480) IPS Transmissive TFT LCD
Touch Panel	Capacitive touch with dual-touch operation (finger and glove)
Power	Standard capacity, 1200mAh rechargeable Li-Ion, PowerPrecision+ battery (embedded)
Keys	Scan; power; push-to-talk (PTT); volume; home (physical); recent apps; back (capacitive)
Notifications	Audible tone; multi-color LEDs
Connectivity	USB C (USB 2.0) and charge-only contacts — data transfer; charging
Performance Characteristics	
CPU	Qualcomm Snapdragon™ 660 octa-core 2.2 GHz
Operating System	Android 8.1 Oreo
Memory	4GB LPDDR4 SDRAM Discrete / 32GB MLC eMMC Flash
User Environment	
Operating Temp.	32° F to 122° F/0° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% non-condensing
Sealing	IP54
Drop Specification	4 ft./1.2 m drop to smooth concrete across operating temperature
Tumble Specification	1,000 1.6 ft./0.5 m tumbles
Electrostatic Discharge (ESD)	+/-20 kVDC air discharge; +/-10 kVDC direct discharge; +/- 10 kVDC indirect discharge
Wireless Data Communications	
WLAN/Radio	802.11 a/b/g/n/ac/r/k/d/h/i/w, IPv4, IPv6 2x2 MU-MIMO
Data Rates	5GHz: 802.11a/n/ac — up to 866.7 Mbps 2.4GHz: 802.11b/g/n — up to 300 Mbps
Operating Channels	Channel 1-13 (2412-2472 MHz): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 Channel 36-165 (5180-5825 MHz): 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165 Channel Bandwidth: 20, 40, 80 MHz Actual operating channels/ frequencies and bandwidths depend on regulatory rules and certification agency.
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA/WPA2 Enterprise (TKIP and AES) —EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP, EAP-PWD


Wireless Data Communications (continued)	
Certifications	WFA (802.11n, WMM-PS, 801.11ac, PMF)
Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC
WPAN	Bluetooth 5.0 with Bluetooth Low Energy (BLE)
Voice and Audio	
Audio	Speaker: 1 Watt (90dB spl), integrated microphone, 3.5mm audio jack support (wired and Bluetooth headset support)
Push-to-Talk	PTT (Workforce Connect PTT Express and Pro): via speaker/microphone on device and via headset VoIP (Workforce Connect Voice): via headset only Bluetooth audio supported (NB and WB) Google Voice Entry Google Voice Assist
Data Capture	
Scanning	1D/2D Imager (SE2100)
Sensor Technology	
Magnetometer	eCompass automatically detects direction and orientation
Motion Sensor	3-axis Accelerometer with MEMS Gyro
Gyroscope	Detects linear acceleration of the EC30
Platforming	
Mobility DNA, Enterprise Mobility Management (EMM) support	
Warranty	
Subject to the terms of Zebra's hardware warranty statement, the EC30 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, please visit: <a href="http://www.zebra.com/warranty">http://www.zebra.com/warranty</a>	
Recommended Services	
Zebra OneCare Essential and Select: Maximize Zebra device availability, device value and operational efficiency with these fully-featured support services that set the industry bar for support.	
Mobility DNA	
Mobility DNA solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these Zebra-only features, please visit <a href="http://www.zebra.com/mobilitydna">www.zebra.com/mobilitydna</a>	
Mobility DNA is available on Android only. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: <a href="https://developer.zebra.com/mobilitydna">https://developer.zebra.com/mobilitydna</a>	




DataWedge




Device Diagnostics




Device Tracker




EMDK for Android and Xamarin




EMM Toolkit




Enterprise Browser




Enterprise Home Screen




Enterprise Keyboard




LifeGuard for Android




Mx Mobility Extensions




PowerPrecision+




PowerPrecision Console




PTT Express




Swipe Assist




Workforce Connect PTT Pro



Workforce Connect Voice



WorryFree WiFi



StageNow

## Ideal for these applications

- Retail**
- USERS:**
- Sale associates
  - In-store operatives (security, cleaners)
  - Receiving-dock personnel
  - Stock-room personnel
- Picking/packing
  - Put-away and replenishment
  - Returns processing
  - Price check and item lookup
  - Inventory and cycle counts
  - Collaboration: PTT
  - Task management
  - Location tracking
  - Time and attendance tracking
- Hospitality**
- USERS:**
- Associates**
- Housekeeping**
- Guest management
  - Mobile check-in/register guest experience
  - Housekeeping/maintenance
  - Scheduling
  - Associate locationing
  - Productivity tracking
  - Traveler/commuter check-ins
  - PTT voice communications
  - Inventory management (back rooms)
  - Receiving
  - Time and attendance tracking
  - Tracker/panic button for emergencies via programmable key(s)



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