



Enterprise Keypad Mobile Computer

EK430

The Ultimate Performance Combination Keypad/Touch Mobile



* The above design is prototype. Product design is subject to change.

<p>OS Android 10.x with GMS</p>	<p>Performance Octa-Core Processor</p>	<p>Wireless Wi-Fi, Bluetooth</p>	<p>Battery User Replaceable, Smart Battery</p>	<p>Scanning 1D & 2D imager</p>
<p>Sealing IP65</p>	<p>Operation Temp -20°C to 50°C -4°F to 122°F</p>	<p>Camera 13MP Autofocus with flash</p>	<p>Display 4.3" WVGA (480 x 800)</p>	<p>Drop Resistance Multiple 1.8 m (6 ft) drops to concrete</p>

Specification

Performance Characteristics	
CPU	Qualcomm Snapdragon SD660 2.2 GHz octa-core
Operating System	Android 10.x with GMS (OS upgradable through Android 11)
Memory	4GB RAM / 32GB UFS 4GB RAM / 64GB UFS (Optional)
Physical and User Environment Characteristics	
Display	4.3", WVGA, IPS (480 x 800), Corning® Gorilla® Glass
Dimensions & Weight	210 x 76 x 37mm / 450g
Touchpanel	Dual input mode with finger, gloved finger and stylus
Backlight	LED Backlight
Battery	User replaceable Battery 3.6V, 6,800mAh / Smart Battery / Hot Swap mode support
Expansion slot	User accessible MicroSD with 32GB SDHC and up to 512GB SDXC
SIM	1 Nano SIM (Optional)
Quick Charging	Fast Charging (Full charge within 5 hours)
Interface	USB Type C Connector (USB 3.1), Bottom 8-pin / Rear 10-pin connector
Drop spec.	Multiple 6 ft./1.8 m drops to concrete across the operating temperature range per MIL-STD-810G Multiple drops from 2m (6.5ft) per MIL-STD 810G(Wood) at room temperature
Tumble spec.	3000 3.3 ft./1.0m tumbles; meets and exceeds IEC tumble specification
Sealing	IP65
Temperature	Operating : -20°C to 50°C / -4°F to 122°F
Humidity	5% to 95% RH (Non-condensing)
Keypad & Button	Numeric / Function Numeric (Optional) / Alpha Numeric (Optional) Dual-action side scan triggers
Communications & Data Capture	
Communications	LTE (Optional), IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc (Wi-Fi™ certified IPv4, IPv6, 2x2 MU-MIMO) Class 2, Bluetooth v5.0 with BR/EDR and Bluetooth Low Energy (BLE) Support
Camera	Rear : 13MP, LED flash (Optional) / Front : 5MP fixed focus (Optional)
Barcode Scanning	1D & 2D Imager / 1D Laser, Long Range Scanner (Optional)
NFC	ISO 14443 Type A and B; FeliCa, and ISO 15693 cards, P2P mode and Card Emulation via Host (HCE) support
Accessory	1SC/4SC Cradle, 4SC Battery Charger, Trigger Handle, Hand Strap, Holster, Stylus, Protective Film

Industry & Applications

Warehousing / Distribution

- Warehouse management
- Picking and put-away
- Return processing
- Voice-directed applications
- EDI transactions
- Inventory management

Manufacturing

- Inventory management
- Supply-line replenishment
- Safety testing
- Parts tracking

Retail

- Backroom warehouse management
- Store receiving
- Inventory management
- In-store communications

Transportation

- Electronics Toll collection system

BOS™ Solutions & Software

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

3rd Party Solutions Integration

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