BLUEBIRD

Enterprise Keypad Mobile Computer

EK430

The Ultimate Performance Combination Keypad/Touch Mobile

OS
Android 10.x with GMS

Performance
Octa-Core Processor

Wireless
Wi-Fi, Bluetooth

Battery
User Replaceable, Smart Battery

Scanning
1D & 2D imager

Sealing
IP65

Operation Temp
-20°C to 50°C
-4°F to 122°F

Camera
13MP Autofocus with flash

Display
4.3" WVGA (480 x 800)

Drop Resistance
Multiple 1.8 m (6 ft) drops to concrete

Specification

Performance Characteristics

CPU	Qualcomm Snapdragon SD660 2.2 GHz octa-core
Operating System	Android 10; Upgradeable to Android 14
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/3.6V, 7,000mAh(Optional)/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

3'rd Party Solutions Integration
- EMM : Airwatch, MobileIron, Mobicontrol, IBM Mass360, XenMobile
- PTT : ESChat, Zello, IMPTT, EveryTalk, AirPTT

Support your Terminal Emulation (TE) apps right out of the box
Expand your options with the TE that is right for you - EK430's TE powered by Wavelink is ready to use at no cost, pre-loaded on every model and pre-licensed on the gun SKU model. Staylinked TE and other licensed TE's are compatible - with support for leading TE's, we truly believe in empowering our users to choose the best solution that fits their ecosystem. Choose the solution that is right for you and transform your green screens to intuitive touch screens to take productivity to a whole new level.