

K500

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Mobile Computing Device with Keyboard



Features

- Adopting Qualcomm Snapdragon / 8*Cortex-A53 & Android 8.1 OS
- 1D/2D barcode scanning up to 15 meters with DPM reading support
- Ruggedized design with IP65 rating and 1.5m drop resistance
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Long working time with 8 hrs talking hours
- 4" Scratch-Resistant Screen of Corning Gorilla



Basic

| | |
|--------------------|--|
| Platform | Qualcomm Snapdragon 450 |
| CPU | 8* Cortex A53, 1.8 GHz |
| OS | Android 8.1 |
| Dimension (mm) | 202.4 x 77.8 x 41.6 |
| Weight(g) | 422g |
| ROM (eMMC) | 16GB (32GB Optional) |
| RAM | 2GB (3GB Optional) |
| SD Card Capability | Up to 128GB |
| Barcode Scanner | 1D SE965 2D Zebra SE4750 / Zebra SE4710 (Honeywell N6603) /SE4850 |

WWAN

| | | |
|------------|---|--|
| 2G Network | CDMA 2000 1x | BC0 |
| | GSM | GSM Quadband (850/900/1800/1900) |
| | GPRS/EDGE Multislot Class | Class 33 |
| | CDMA 1x Data Speed | |
| 3G Network | W-CDMA (UMTS-FDD, UTRA-FDD) | B1/B2/B5/B8 |
| | CDMA2000 1xEV-DO Release 0 (TIA/IS-856) | EVDO BC0 |
| 4G Network | E-UTRA Bands Supported | US: UMTS/HSPA+ Primary Bands 2/5. LTE Bands 2/4/5/12/17 EU:UMTS / HSPA+ Primary Bands 1/8. LTE Bands 1/3/5/7/8/20/38/39/40/41 |
| | 4G Data Speed (E-UTRA UE Category) | Cat 6 (300Mbit/s DL, 50Mbit/s UL) |
| | SIM type | Nano-SIM x 1 + T card x 1 |

Input Scheme

| | |
|----------------------|---|
| Scanner Shortcut Key | Yes |
| Others | Support 29Key ,38Key ,47Key ,by Customer Optional |

Display

| | |
|---------------------------------|--|
| Main Display Vision Size (inch) | 4" |
| Main Display Resolution | WVGA (800×480) |
| Main Display Technology | TFT |
| Main Display Touch Technology | Capacity |
| Multi-touch Capability | 5 Points |
| Touch Icon Position | Out of LCD AA |
| TP | Corning Gorilla |
| Brightness(cd/m2) | Average Brightness over 350cd/m2 Max 360cd/m2 |

Camera

| | |
|--------------|----------------------|
| Front | No Front Camera |
| Rear | 8.0MP AF Rear Camera |
| Camera Flash | LED |

Sensors

| | |
|------------------------------|-----|
| GPS | Yes |
| Glomass | Yes |
| Beidou | Yes |
| Proximity Sensor | Yes |
| Light Sensor | Yes |
| E-Compass | Yes |
| G-Sensor (Accelerate Sensor) | Yes |
| Gyroscope | Yes |
| Fingerprint | Yes |

Battery

| | |
|------------------------|------------------|
| Battery Capacity (mAh) | 5200mAh |
| Charge Time (Hours) | <4 Hour |
| Talking Time (Hours) | 8H |
| Quick Charge | QC3.0 and USB PD |
| Dock Pin | Yes |

All specifications are subject to change without notice.Last update: 17/9/2018



Connectivity

| | |
|----------------------------|---------------------------------|
| Wi-Fi | 802.11b/g/n/ac/r |
| | 2.4G+5G |
| | extPA. 18dB@ac |
| Bluetooth | BT4.2(BLE HS Compliant) |
| USB Capability | USB 2.0 (Hi-Speed) ,Support OTG |
| Data Connector | Dock Pin |
| Dock Pin / Dock Capability | Yes |
| NFC | Yes |

Others

| | |
|-----------------------|---|
| ESD | ±15kV Air Discharge,±8kV Direct Discharge |
| Drop | Multiple Drops to Concrete: 1.5m Across the Operating Temperature Range |
| Sealing level rate | IP65 |
| Storage Temperature | -20°C ~ 70°C |
| Operating Temperature | -15°C ~ 55°C |

Accessories

| | |
|---------------|---------------|
| Power adapter | 12V 2A output |
| UHF | Optional |
| Charging dock | Optional |
| HAND STRIP | Optional |

Certificaiton Requirements

| | |
|-----|-----|
| FCC | Yes |
| CCC | Yes |
| CE | Yes |
| BIS | Yes |

Dimensions



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