



Mobile Computer

MC432

Superior Application Flexibility for Diverse Industries



Qualcomm Snapdragon
660
2.2GHz Octa Core



Operating System
Android 10



Drop Spec.
1.6m



Sealing
IP65



Weight
323g
(with battery)



Replaceable Battery
4000mAh



Warehouse



Retail



Manufacturing



Logistics



MC432

Specification

Update Date: 2021. 08.30

Physical Characteristics

| | |
|--------------------------|---|
| Dimensions | 181.55mm *77mm *33.77mm (scanner), 23.2mm (battery cover) |
| Weight | 323g (with battery) |
| Display and Panel | <ul style="list-style-type: none">4.3", WVGA 480x800 IPS panelGorilla® GlassMulti-touch projected capacitive; fingertip (bare or gloved) inputWet finger, Glove |
| Expansion Slots | <ul style="list-style-type: none">One user accessible Nano SIM slots(only for LTE version)One micro SD memory slot with SDXC compliance.IO: Type C (support display output) |
| Keys and Buttons | <ul style="list-style-type: none">1-screen keypad, Physical keypad type (23 keys) with white color backlightSide key: Scan key left and right, power key, volume key |
| Indicators | <ul style="list-style-type: none">One vibrator for ring in indicationAudio tone indicationLED behavior<ul style="list-style-type: none">Charging LED<ul style="list-style-type: none">Charging : RedFully charged : GreenScan LED<ul style="list-style-type: none">Scanning : RedScan successfully : Green (Blinking once) |
| Audio and Voice | <ul style="list-style-type: none">One speaker (95dB @ 10cm)One receiver and dual microphoneSupport echo cancellation and noise suppression3.5mm DIA stereo headset jack |

Performance Characteristics

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|-------------------------|---|
| Operating System | <ul style="list-style-type: none">Android 10GMS for LTE version |
| CPU | Qualcomm® Snapdragon™ 660 2.2GHz Octa Core |
| Memory | <ul style="list-style-type: none">3GB RAM+32GB Flash ROM(Standard)4GB RAM+64GB Flash ROM(Optional) |

User Environment

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|-----------------------------|--|
| Operating Temp. | -20~50°C |
| Storage Temp. | -40~70°C (without battery) |
| Charging Temp. | 0~45°C |
| Humidity | 5%~95% non-condensing |
| Sealing | IP65 Standard |
| Drop Specification | 1.6m |
| Tumble Specification | 0.5m tumbles for 300 cycles and 600 drops |
| ESD | +/-8KV direct discharge, +/-15KV air discharge |

Network Connection

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| Wireless PAN | Bluetooth 5.0 |
| Wireless LAN | <ul style="list-style-type: none">802.11a/b/g/n/ac Wireless LANIEEE 802.11 d/h/i/r |
| Wireless WAN (Only for LTE Version) | <ul style="list-style-type: none">GSM : 850,900,1800,1900 MHzWCDMA : B1, B2, B5, B8LTE : B1, B2, B3, B4, B5, B7, B8, B12, (B17), B20, B28A, B28B, B38, B39, B40, B41 |
| GPS | GPS, GLONASS, Beidou |

Data Capture

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|----------------|--|
| Scanner | <ul style="list-style-type: none">Support 1D/2DHoneywell N3601, Honeywell N6703, Datalogic H2Scanning Angle: 30° |
| Camera | <ul style="list-style-type: none">Rear camera : 16M pixels CMOS color camera with autofocusLED flash light |
| NFC | <ul style="list-style-type: none">ISO14443-4 (Type A, Type B), ISO15693Mifare, Felica(ISO/IEC18092) |

Sensor

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|---------------|---|
| Sensor | Accelerometer, Gyroscope, e-Compass, Light Sensor, Proximity Sensor |
|---------------|---|

Power

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|----------------------|---|
| Battery | <ul style="list-style-type: none">Standard Battery : 3.85V, 4000mAhOne backup battery for battery swap |
| Power Adapter | <ul style="list-style-type: none">100~240Vac, 50/60Hz Input5V/3A 15W , 9V/2A 18W output(QC3.0) |

Regulatory Compliance

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|-----------------------|---|
| Certifications | <ul style="list-style-type: none">CE(RED), FCC, NCC, IC, SRRCCB, IEC62368(Battery pack),UN38.3RoHS, REACH, WEEEEnergy-03 |
|-----------------------|---|

Accessories

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|--------------------|---|
| Accessories | <ul style="list-style-type: none">AdapterCharging Cable(Type C)Hand StrapLCM protectorCradle (1 Terminal + 1 External Battery) (Optional)Rubber Boot(Optional) |
|--------------------|---|