

## Mobile Computer **M3 UL20 with 2D Barcode and RFID Reader**



The **M3 UL20 Mobile Computer** is a mobile handheld reader. M3 UL20 offers proven technology in portable **mobile data capture using NFC, the latest barcode reading technologies,** modern user interfaces and to meet the category of new business applications on the **Android 8.1** operating system. The **5 inch touch screen** and the **integrated alpha-numeric keypad** characterise this robust mobile computer. The **keypad is optionally available with 28, 35 or 53 keypads.**

**Mobile Computer M3 UL20** is the next generation

of leading handheld devices for **mobile data collection in inventory management, retail management or in the logistics sector.**

### ► Mobile Data Capturing with 2D Barcode Reader or NFC Reader

**Handheld reader M3 UL20** is optionally equipped with a **2D barcode reader** and an integrated **NFC reader**. The **long range scanner** validly captures all 2D barcodes on labels or tags up to a **range of 21.4 m**. The integrated **RFID HF | NFC reader** reads tags and transponders of ISO standard **ISO 14443A/B and ISO 15693 with 13.56 MHz** with a reading range of up to 6 cm. The **integrated 25° angle scanner** helps with comfortable aiming.

### ► The latest Technology combined with high-performance Power

**M3 UL20 Mobile Computer** is equipped with the operating system **Android 8.1 or 9.0 GMS**. The handheld reader is certified by Google with the **"Android Enterprise Recommended"** seal of approval. This offers standardised management options, regular security updates and is adapted to individual company requirements. The **2.2 GHz octa-core processor** is designed for demanding processes within the corporate environments. The **6.700 mAh battery** is suitable for long working shifts in the warehouse and productions. The **quick charge function** enables prompt charging of the battery. The **integrated 4 GB RAM** is optionally available as **2 GB variant**. Enough space for your data is provided by the **4 GB ROM (optional: 64 GB)**.

## ► Top Communication Options and Documentations

The mobile computer is equipped with **WLAN, WWAN, WPAN, GPS and Bluetooth**. WLAN and Bluetooth enable the **wireless transfer of data** to the PC, so that the scanned information appears immediately in the system. The integrated **16-megapixel camera** documents work processes in high-resolution format.

## ► IP Protection for demanding Environments

**M3 UL20** is ideally suited for demanding and challenging environments with dust or water accumulation, with an **IP67 protection rating**. The handheld withstands **temperatures of -20 °C up to +60 °C**. The M3 UL20F is equipped with an **automatic sensor to control the temperature of the screen and scan window** below -30 °C. This prevents the display from fogging up. The keypad and battery are resistant to freezing. The touch screen is made of **robust Gorilla Glass**. The scanner area of the M3 UL20F is also made of Corning Gorilla Glass.

## ► Application Example: Retail and Warehouse Management



The **M3 UL20 series** is the perfect handheld solution for processes within **warehouses in supermarkets or non-food shops**. Warehouse processes can be optimally handled with the M3 UL20 and the **integrated 2D long-range scanner**, to also register goods validly from more distant warehouse shelves. The **25° angle scanner** enables precise identification of the goods to be scanned. The **numerous accessories** make working within warehouses efficient. The **ergonomic handle** offers an optimal solution for mobile working. The **holder for forklift trucks** is suitable for use in the forklift truck when putting goods away.

## ► More Information

- M30 UL20: <https://idtronic-mobile.com/handheld-reader/m3-ul20/>

### CONTACT OUR SALESPEOPLE FOR MORE INSIGHTS INTO OUR PRODUCTS



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