# M₃ BLACK
## The New Premier Mobile Computer

## Key Features

- 1GHz CPU, 8GB ROM
- All working environment (2.0m drop / IP65 / 2,000 tumbles)
- Smart Battery (Li-Polymer 3.7V 3400mAh / 5100mAh)
- IEEE 802.11 a/b/g/n
- 3.5G HSPA+ Communication
- **5.0 MP Auto Focus Carmera**
- 1D Laser, 2D Imager

## Applications

- Manufacturing
- Retail
- Public
- Logistics
- Construction
- Meter Reading

## Specification

### Physical Characteristics

| | |
|---|---|
| DIMENSION (W x H x D) | 75.3 x 165.8 x 26 mm |
| | 2.96 x 6.52 x 1.02 in |
| WEIGHT | 336 g / 11.8 oz |
| DISPLAY (3.5"LCD) | VGA (480 x 640) |
| | QVGA (240 x 320) |
| BATTERY | Type — Smart Battery |
| | Standard — Li-Polymer 3.7 V 3,400mAh |
| | Extended — Li-Polymer 3.7 V 5,100mAh |

### Performance Characteristics

| | |
|---|---|
| PROCESSOR | CPU — 1GHz |
| OS | Windows Embedded Handheld 6.5 |
| | Windows CE 6.0 |
| MEMORY | RAM — 512 MB |
| | ROM — 8 GB |
| | Card Slot — Micro SD |
| INTERFACE | USB 2.0 High Speed Host & Client |
| SENSORS | Light sensor, Gyro sensor |

### User Environment

| | |
|---|---|
| TEMPERATURE | Operating — 20 to 60º C / - 4 to 140ºF |
| | Storing — 30 to 80º C / - 22 to 176ºF |
| HUMIDITY | 95% non-condensing |
| TUMBLE TEST | 2,000 Cycle 1.6 ft. / 0.5 tumbles (4,000 drops) |
| DROP TEST | 2.0 m / 6.6 ft. |
| IP RATE | IP65 |

### Wireless Radio Options

| | | |
|---|---|---|
| WWAN | 2G | GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz) |
| | 3.5G | UMTS / HSPA+: Five band (800/850/AWS/1900/2100 MHz ) |
| WLAN | IEEE 802.11 a/b/g/n | |
| SECURITY | WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP- TLS, PEAP-MSCHAPv2, LEAP, CCXv4 | |
| BLUETOOTH | Class II, v2.1 with EDR | |
| GPS | A-GPS, GLONASS | |

### General Options

| | |
|---|---|
| SCANNER | 1D Laser, 2D Imager |
| CAMERA | 5.0 MP Auto Focus |
| KEYPAD | 34 key Alpha-Numeric |
| | 53 key QWERTY |

\* The contents of this brochure were written based on the "current state" of the product, and the details are subject to change without prior notice.

## Certifications

CE · KC · RoHS Compliant · Windows® Embedded · TÜV SÜD

# Detail features

## Pursuit of all-round excellence on a Mobile Computer, M3 Black

The user–friendly design combines with great performance to deliver in the harsh environments.
The M3 BLACK has a user friendly design which is reliable and simple but very robust.

### Ergonomic Design can reduce user fatigue with repetitive scanning.
- Low angle (23°) barcode scanner

Low angle scanner allows users to feel more comfortable during repetitive scanning operations in the fields.The design provides users the convenience to see the LCD screen when scanning which reduces physical tiredness of the wrists and eyes.

### User Friendly design to locate the scan button by touch.
- Embossed scan buttons applied

Small bumps on the scan buttons at the front and side enables users to recognize and scan  without a glance which reduces actual amount of time and increases efficiency.
Button faces are placed on an angle to make pressing it more easier and comfortable.

### Functional design withstands heavy dropping.
Rubber/Metal applied on case

Many things can happen during working hours, such as a drop.
By applying anti–slip rubber, the device will not slip from your hands. If you drop the M3 BLACK, the metal frame can withstand multiple drops from up to 2 meters.

### Continue working, even in darkness.
5.0MP camera with ultra flash

The 5.0MP Ultra flash helps user to use the camera even in the darkest of work surroundings.