



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-Ion 3.7V 3,400mAh / 5,100mAh)



IEEE 802.11 a/b/g/n



3.8G HSPA+ Communication



5.0M Pixels AF Camera



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" VGA TFT LCD 480 x 640 pixels QVGA 240 x 320 pixels |
| BATTERY | Standard Li-Polymer 3.7 V 3,400mA |
| | Extended Li-Polymer 3.7 V 5,100mA |
| | Type Smart Battery |

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 (up to 32 GB) |
| INTERFACE | USB 2.0 High Speed Host & Client |
| SENSORS | Light sensor, Gyro sensor |

User Environment

| | |
|-------------|---|
| TEMPERATURE | Operating - 20 to 60° C / - 4 to 140°F |
| | Storing - 30 to 80° C / - 22 to 176°F |
| HUMIDITY | 93% non-condensing |
| TUMBLE TEST | 2,000 1.6 ft. / 0.5 m tumbles (4,000 drops) |
| DROP TEST | 2.0 m / 6.6 ft. |
| IP RATING | IP65 |

Wireless Radio Options

| | |
|-----------|---|
| WWAN | 2G GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz) |
| | 3.8G UMTS / HSPA+: Five band (800/850/AWS/1900/2100 MHz) |
| WLAN | IEEE 802.11 a/b/g/n, b/g/n (optional) |
| SECURITY | WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP- TLS, PEAP-MSCHAPv2, LEAP, CCXv4 |
| BLUETOOTH | Class II, v2.0 with EDR |
| GPS | A-GPS, GLONASS |

General Options

| | |
|---------|--------------------------------|
| SCANNER | 1D Laser, 2D Imager |
| CAMERA | 5.0 M Pixels Auto Focus Camera |
| 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.

Detailed features



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

The user-centered design combines with great performance to deliver into the most harsh and hostile work environment's. The M3 BLACK has a **user centred design** which is reliable and simple but very robust.



Ergonomic Design to reduce tiredness from repeatable scanning.

Deepened angle (23°) of scanning applied

Deepened angle of scanner allows users significantly to feel comfortable from frequent scanning operations in the fields. The design provides users a convenience to see LCD and scan simultaneously which reduces physical tiredness of the wrists and eyes.



User Friendly Design to feel the scan button by touch.

Embossed scan buttons applied

Small bumps on the scan buttons of 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 will withstand heavy drops.

Rubber/Metal applied on case

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



The most adapted design Works great, even in the dark.

5.0M pixels camera with ultra flash

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