



# M3 BLACK

The New Premier Mobile Computer

## Key Features



1GHz CPU, 8GB ROM



All working environment  
(2.0m drop / IP67 / 2,000 tumbles)



Smart Battery  
(Li-Ion 3.7V 3,400mAh / 5,100mAh)



IEEE 802.11 a/b/g



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 Cortex-A8 1GHz
OS	Windows Embedded Handheld 6.5 Windows CE 6.0
MEMORY	RAM 512 MB (up to 1 GB)
	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	IP67

### 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
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 (optional)

### 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.