



# 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 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" 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 60° C / - 4 to 140°F
	Storing	- 30 to 80° C / - 22 to 176°F
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



## 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.

B  
L  
A  
C  
K



#### **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.