



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/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	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/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.

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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.