

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	
BATTERY	Standard	Li-Ion 3,7 V 3,400mA
	Extended	Li-Ion 3,7 V 5,100mA
	Type	Smart Battery

Performance Characteristics

MULTI - PROCESSOR	CPU	TI AM3715 1 GHz
	Radio	ARM 11 series
OS	Windows Embedded Handheld 6.5	
MEMORY	RAM	512 MB
	ROM	8 GB
	Card Slot	Micro SD, up to 32 GB
INTERFACE	USB Host 2,0 / Client 2,0	

User Environment

TEMPERATURE	Operating	- 20 to 60° C / - 4 to 140°F
	Storing	- 30 to 80° C / - 22 to 176°F
HUMIDITY	94% non-condensing	
TUMBLE TEST	1,000 1,6 ft. / 0,5 m tumbles (2,000 drops)	
DROP TEST	2,0 m / 6,6 ft.	
IP RATING	IP67	

* Visit www.m3mobile.net for more information.
* The contents of this brochure were written based on the "current state" of the product, and the details are subject to change without the prior notice.

Common Accessories

Adaptor



Stylus pen



Battery



USB cable



Cradle







Your Best Mobile Business Partner

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Distributed by

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, 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	
RFID	HF	13,56 MHz
	Tags	ISO 14443 A / B, ISO 15693, I-Code
	SAM	1 SAM / 2 SAM (optional)
	UHF	868~956 MHz
	Tags	EPC C1 G2
GPS	A-GPS	

General Options

SCANNER	1D Laser, 2D Imager
CAMERA	5,0 M Pixels Auto Focus Camera
KEYPAD	34 key Alpha-Numeric
	53 key QWERTY, AZERTY

Certifications



BR-M3 BLACK-2013-V1,0-EN
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M3 BLACK

Monsterous Performance!
1GHz CPU with 8GB ROM



M3 BLACK

M3 BLACK is named after M3's former model; M3 BLACK which were revolutionary model in year 2006. In year 2013, M3 launched new revolutionary model in both physical and performance perspective.

New M3 BLACK features:

- TI 1GHz CPU and 8GB of huge memory space.
- 3.8G HSPA+, IEEE802.11 a/b/g/n coverage.
- Full dust and water protection (IP67), 2.0m drop rating, 1,000 times tumble test.
- Wide range of working temperature.
- Large capacity smart battery with optional 5,100mAh extended battery.

All new M3 BLACK will bring your satisfaction to the top in all working environment.



Extra Accessories

Extra Accessories specifically designed for M3 BLACK enhances the PDA's functionality and broaden its applicable area. Its wide range of extra accessories will make M3 BLACK to be suitable virtually in any environment.



Cradles

M3 BLACK has various types of cradle for charging and DataSync. Besides the basic Single Slot Cradle, Single Slot Ethernet Cradle can be used for Ethernet and Vehicle Cradle is for charging M3 BLACK device in the car. And GPS function can also be used while charging the device through the optional GPS.

Pistol Grip (scanner)

Optional pistol grip is for scan-intensive environments. This handy equipment will improve your ergonomics and increase your satisfaction.



<Pistol Grip>

Snap-on

Snap-on provides almost the same functions of cradle but is optimized for using field environment.



<Snap-On>

Etc

There are other accessories; Leather Case for M3 BLACK. To be handy for carrying and protect M3 BLACK from any circumstances, a leather case will be a good solution. Users can choose belt type or strap type with this optional accessory.



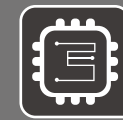
<Leather Case>

Features & Benefits



TI AM3715 1GHz CPU

Powerful TI 1GHz CPU enables user to handle the job more quickly by providing faster graphic process and memory access.



Abundant Memory, 8GB ROM!

Data storage is one of the most important feature of PDA. With 8GB of storage capacity, you can save a lot more of precious data.



3.8G HSPA+ Communication

Five band 3.8G HSPA+ wireless system provides faster data communication through air.



IEEE 802.11 a/b/g/n

M3 BLACK provides a/b/g or b/g/n as an option. Choose the option that best suit your working environment.



5.0M Pixels AF Camera

High resolution and auto focus functionality capture clear images of product and/or documentation.



Multi-function QWERTY Keypad

Multi functional keys of QWERTY keypad are designed for versatile performance. As hot keys, these are going to make the direct access be possible and increase the working speed.



Smart Battery

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

3,400mAh smart battery allows the user to work constantly without battery change. Moreover, for heavy working environment or for long time shifts, 5,100mAh extended battery can support your work even better.



All working environment

(2.0m drop, IP67, 1,000 tumbles)

M3 BLACK provides full protection against dust and water and withstands 2.0m drop and 1,000 times of tumble test. Also, its wide range of working temperature make it suitable in all working environment.

Applicable Area



<Distribution>



<Manufacturing>



<Logistics>



<Construction>

High performance CPU and large storage capacity while providing seamless network functionality, and physical strength make M3 BLACK to be used virtually in all work environment.

- Tough as construction area
- Mobility for logistics
- Accurate data capturing for distribution, warehouse and manufacturing

* Each extra accessory manual can be downloaded at M3 Mobile webpage.

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