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Data collector MobiPad M-B1RF

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 4.0.3 (multi-language)
Display:	7" 16:9 (1024x600) IPS Capacitive
Brightness:	-----
Processor:	Amlogic Cortex-A9 AML8726-M3
Memory:	1GB DDR3 RAM : 4GB ROM (8GB/16GB/32GB optional)
Hard Drive:	4GB ROM (8GB/16GB/32GB optional)
Touch screen:	Capacitive : Multi-Touch
Durability:	-----
Drop:	-----
Shock:	-----
Vibration:	-----
Temperature:	-----
Humidity:	-----
1D barcode scanner (reader):	Yes - Interface TTL232 (CCD) | Decoding speed: max. 300 times/sec. | LED (622 nm - 628 nm) | 265 LUX (130 mm) | Resolution: 2500Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128,

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2D barcode scanner (reader):	Yes - via Camera
RFID scanner (reader):	Yes - NFC (13.56Mhz)
Battery:	3.7V 4100mAh Lithium-Ion polymer
Working time on battery:	4-8 Hours
Fast battery replacement ability:	No
HotSwap battery:	-----
LAN:	-----
WLAN:	WIFI 802.11b/g/n
Bluetooth:	Yes - Bluetooth 2.1 + EDR Class 2
WAN:	Yes - GSM/GPRS/EDGE3G : WCDMA 2100MHz
GPS:	-----
Camera:	Front 0.2Mpx : Rear 5Mpx
In/Out:	HDMI 1.4a : Audio Jack : USB OTG : SIM : SD
Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Mali 400 250MHz
Chipset:	-----
BIOS:	-----
Casing material:	-----
Flash Card Reader:	Yes - SDHC/SDXC (max. 32GB)
CD/DVD:	-----

Audio:	Built-in 8Ω/1.5W x2
Keyboard:	Onscreen keyboard
Additional Navigation Devices :	-----
Color:	black
Swivel Hinge:	No
VGA out:	-----
TV Out:	HDMI 1.4a
TV Tuner:	-----
Security:	-----
Waterproof:	-----
Sand and dust:	-----
Size:	19.8*1.17*12.8cm - 725g
Fanless casing:	Yes

Product from the Archive - production finished

Compact dimensions, Internet access, advanced communications and multimedia capabilities make up the elements constituting the essence of mobile versatility. Anyone can make its tablet will be one of a kind, all with access to thousands of applications the Android environment.

System specifications	Processor	Amlogic Cortex-A9 AML8726-M3 1Ghz
	Display	7" 16:9 (1024x600) IPS : Capacitive : Multi-Touch
	RAM	1GB DDR3
	ROM	4GB ROM
	Connectors	USB OTG : SIM : HDMI 1.4a
		Micro SD/TF (max. 32GB)
	Readers	NFC (HF:13.56M)
		Barcode Scanner 1D CCD
		Barcode Scanner 2D via Camera
	Modules	WiFi 802.11b/g/n : Bluetooth 4.0 : 3G
	Audio	Głośnik 8Ω/1.5W x2 : 3.5mm Jack
	Camera	Front 0.2Mpx: Rear 5Mpx
	Battery	Litowo-Ion Poli 3.7V 4100mAh (4-8h)
	Keyboard	OnScreen
	System	Environment Android 4.0.3 (multi-language)
	Dimensions	19.8*1.17*12.8cm - 725g
	Warranty	12 months (optional 24 months)

Refer to the "**Available hardware configurations**" that possibility is a version of the device. To gain additional information about the product click on the "**Ask about the product**" or go to the contact form.

go top...

Barcode Scanner

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 1D Barcode Reader allows you to read, decode and transfer to your computer data stored in the barcode. With dynamic scanning capabilities and the large range of reading, the data collector collects data accurately, which helps to increase the rate and efficiency. The whole can quickly start because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.

Barcode Scanner	Built-in CCD Scanner (1D)
Interface	TTL232
Reading mode	CCD
Resolution	2500
Decoding speed	max. 300 times/sec
Optical source	LED (622 nm - 628 nm)
Optical source intensity	265 LUX (130 mm)
	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar

NFC Technology

Near field communication (NFC) is a set of standards for smartphones and similar devices to establish radio communication with each other by touching them together or bringing them into close proximity, usually no more than a few inches. Present and anticipated applications include contactless transactions, data exchange, and simplified setup of more complex communications such as Wi-Fi. Communication is also possible between an NFC device and an unpowered NFC chip, called a "tag".

Chipset	NXP,128K/C2 ROM\44kB EEPROM
RF Frequency	13.56MHz
Support Configuration Mode	Card reader mode,P2Pmode
Support Interface	UART SPI IIC
Module Voltage Range	2.3V-5.5V
Modulation Mode	ASK
Module Power Consumption	30mA (Max)
Baud Rate	9.6 to 460.8 kbps (UART)
Work range	10cm
Main Function	Serial port - NFC | MID - data exchange

	Low power consumption control
	ISO14443A/B, ISO15693, Mifare, Felia
	The point-to-point data transmission (P2P mode)
NFC Antena	The built-in antenna, antenna type: magnetic FPC

go top...

With HSDPA module, you need only insert a SIM card in the special slot and can instantly connect to the Internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Also used in MobiPad internal HSDPA module adapts automatically to transfer and network coverage.

WiFi	802.11b/g/n
Bluetooth	Bluetooth 2.1 + EDR Class 2
WCDMA	GSM/GPRS/EDGE3G : WCDMA 2100MHz

With USB OTG to connect a portable storage device and pointing devices. In addition, we rely on the following set of ports - power connector, miniHDMI, microSD card slot, SIM card slot and audio jack. Computer hardware is recognized as a mass storage.

Dimensions	19.8*1.17*12.8cm
Weight	725 (with battery)

go top...

more **photos** in the "Photo Gallery" ...

specification of this version is available in the "Technical data" ...

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