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Industrial Tablet i-Mobile IMT-1063 v.1

Category:	UMPC - Ruggedized
Operating System:	Android 8.1
Display:	TFT LCD 10.1" 1280x800 (XGA) LED Sunlight Readable
Brightness:	350 nits Sunlight Readable
Processor:	Cortex ARM-A53 Processor (QuadCore 4 x 2.30 GHz + 1.8 GHz)
Memory:	3GBDDRII
Hard Drive:	32GB eMMC
Flash Memory:	Yes
Touch screen:	Yes - capacitvie
Durability:	MIL-STD 810G
Drop:	Drop up to 1.2m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G-514.6,E-2 Sine | MIL-STD-810G-514.6,E-1 Random
Temperature:	Operating: -10° –– +50°CStorage: -20°C –– +70°C
Humidity:	0% ~ 95%
1D barcode scanner (reader):	-----
2D barcode scanner (reader):	-----
RFID scanner (reader):	-----

Other:	Stylus , Shoulder strap , Hand strap
Battery:	2 external batteries 3S1P,3 Cell, DC 10.8V/3400mAh Support Hot-swap
Working time on battery:	480 minutes (8h) - depense of using
Fast battery replacement ability:	Yes
HotSwap battery:	Yes
LAN:	Yes - 10/100 Ethernet Support POE (Power-Over-Ethernet applications up to 25.5W)
WLAN:	WLAN 802.11 a/b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	4G: FDD_LTE / WCDMA / TDSCDMA / GSM/GPRS/EDGE - Class 12 / CDMA2000(EVDO) 800
GPS:	MediaTek MT6627
Camera:	-----
In/Out:	1 x USB 2.0 Typu A(host)1 x Micro USB1 x DC Power input1 x RS2321 x Port Micro Secure Digital (SD)1 x 16 pin docking connectors1 x 10/100 Ethernet1 x SIM(Only 3G/4G)
Optional accessories:	Docking station: 4 x USB, 1 x RS-232, 1 x RJ45, 1 x DC in, 1 x Earphone, 1 x Microphone, Battery charging bayVehicle & Wall mount: Standard VESA & DC inVehicle adapter12V~36VStylus
Docking station connector:	1 x 16 pin docking connector
VESA standard – holders and mounts support:	Yes
COM port:	Yes - RS232
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	800:1
Graphics card:	Integrated
Chipset:	-----
BIOS:	-----
Casing material:	PC/ABS
Flash Card Reader:	Yes - MicroSD

CD/DVD:	-----
Audio:	Built-in speaker and microphone
Keyboard:	No - Function keys
Additional Navigation Devices :	Yes - Function keys
Color:	Black
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	(IPx5) IEC 60529 14.1/14.2.5 test Edition 2.1 2001-2
Sand and dust:	(IP(IP6x) IEC 60529 13.4 test Edition 2.1 2001-265) IEC 60529 / AC2:2007
Size:	306 x 207 x 40mm - 1.4Kg with batteries
Fanless casing:	Yes

Product from the Archive - production finished


Rugged Mobile Computing / IMT-1063
MSR
RFID
Barcode Scanner

Taiwanese company i-Mobile has an excellent reputation Achieved as a manufacturer of industrial mobile computers. Due to the high position of products in the segment of high-tech, have won many awards in tests Conducted around the world.

i-Mobile IMT-1063 is unrivaled in the market, ultra-modern, armored tablet meets the very stringent industry standards. Very rich furnishings, combined with affordable prices make it the perfect solution where require high performance, flexibility and strength equipment.

Warranty

Devices i-Mobile's standard with 1 year warranty, OPTIONALLY you can change the warranty period for 2 years. Any minor repairs are Carried out on the site in Poland. Defects requiring intervention in the components end up in haste to the main website i-Mobile Technology in Taiwan.

The high performance processor

Cortex ARM-A53 Processor
(QuadCore 4 x 2.30 GHz + 1.8 GHz)

The processor Cortex ARM-A53 is one of the fastest processors dedicated for tablets, nettops and netbooks. Thanks using quad core processor IMT-1063 its one of the best Industrial Rugged Tablet. Fast processor makes possible to smoothly work in any case.

Super fast eMMC memory

Use your eMMC **32GB** on which you can install the system and frequently used applications. This approach leads to a super-fast operation of your computer.

Advanced display technology

The display of the image corresponds to the 10.1-inch full touch screen (1280 x 800 XGA) LED-backlit display with Sunlight Readable Technology (350nit), Which uses reflected light beam as a light sensor - the bigger the better backlight illumination sensor. The Resulting display bright and is **easy** to read even in direct sunlight encounters.

With the **Hot-Swap** there is a possibility to connect an additional battery quickly without shutting down the operating system. Additional optional battery extends the life of half a standard battery.

Tablet IMT-1063 is equipped with 4G and 50-channel GPS(optional) armored performed. This small komputerek is made of very durable materials. It is well protected against falls, shocks or vibrations. He also is harmless water (IP65) or Low Temperatures. Equipped with fast DDRII RAM and eMMC memory.

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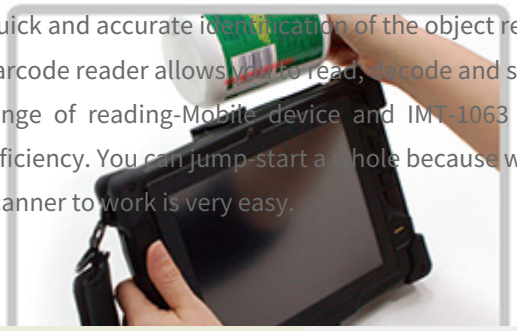
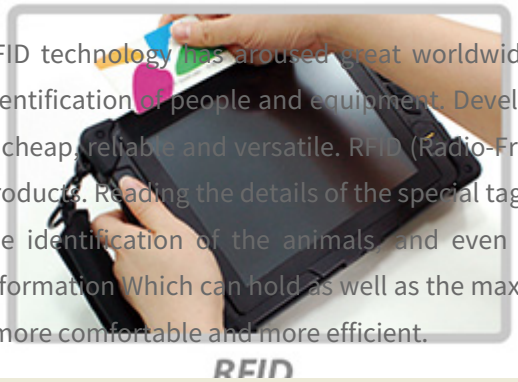
Barcode Scanner



Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code. With dynamic scanning capabilities and wide range of reading-Mobile device and IMT-1063 quickly and accurately retrieves the data, which helps to increase the rate and efficiency. You can jump-start a whole because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.

1D Barcode Scanner (read codes)	**1D symbologies**: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11,MSI-Plessey, Plessey
2D Barcode Scanner (read codes)	**Linear**: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data bar **2D symbologies**: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) code Postal Codes: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

RFID HF (13.56MHz)



RFID technology has aroused great worldwide interest. Is expected to solve many of the problems with fast and faultless identification of people and equipment. Development is more turbulent than gradually Introduced barcodes. RFID technology is cheap, reliable and versatile. RFID (Radio-Frequency Identification) is a technology used to identify objects and flow control products. Reading the details of the special tags are attached That is the object (but not only, because RFID is also applicable to the identification of the animals, and even humans) is by radio. Depending on the type of tag changes the amount of information Which can hold as well as the maximum distance from Which to read data. RFID tags, is an alternative to bar codes - more comfortable and more efficient.

RFID HF (13.56MHz)	
Frequency	13.56 MHz Mifare DESFire Reader / ISO 15693 Reader
Reading Distance	2 cm

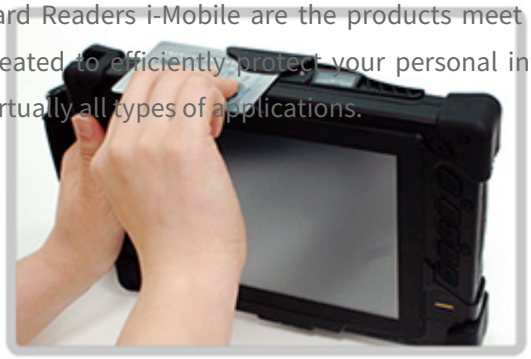
RFID UHF (860-960Mhz)

In the UHF (Ultra High Frequency) band, where RFID tags work according to the principles of the electromagnetic coupling, the most popular technology at the moment is the one based on the ISO 18000-6C protocol, best known as EPC Class 1 Gen 2 or for short Gen 2. The EPC Class 1 Gen 2 standard was proposed by the private organization EPCGlobal and then adopted in 2006 as the ISO 18000-6C standard by the International Standards Organization (ISO). The EPC Class 1 Gen 2 standard was created to address some issues of previous UHF RFID standards conceived for logistics applications (such as the ISO 18000-6C). The new standard was developed specifically to track fluxes of goods between different companies and across all world regions with good read performance in environments with a high density of tags.

RFID UHF (840-960MHz)	
Frequency	840-960MHz EPCglobal UHF Class 1 Gen 2/ISO 18000-6C
Reading Distance	2-3 m

Magnetic Card Reader

Card Readers i-Mobile are the products meet the safety criteria Highest during reading. Architecture on Which readers are created to efficiently protect your personal information encoded on the cards. High safety standards allow readers to use Virtually all types of applications.



MSR

Tablet IMT-1063 is equipped with a magnetic card reader (MSR) for reading and encoding cards in accordance with ISO 7811. The robu plastic housing, easy integration with existing systems, fast read and write magnetic heads that make it the perfect choice.

Magnetic card reader writes to all 3 tracks magnetic, so you can use it for all major card types (such as credit, debit, staff a membership cards, loyalty card systems, etc.)

MSR	USB Interface
Formats	ISO 7811, AAMVA, and others formats F2F
Rate	7 to 150cm per secod, bi-directional
Vitality	1,000,000 cycles minimum

Smart Card Reader

The smart card reader Enables the secure electronic transactions through the use of digital signatures and certificates to enhan secure transactions through public and private networks. With easy access to the smart card reader you can use it in many differe ways, Regardless of Whether you use it for authentication, data retrieval and verification of Their correctness, or is it the use embedded applications. Smart cards are typically used by the departments of information technology (IT) in large Organizations. Th internal device for reading and writing smart cards is reliable and easy to use, and Provides That support for applications require hig speed data from a smart card to the computer. The unit Complies with all major standards for use in companies, making it the perfe alternative to external devices That read and write smart cards.

Smart Card Reader	EMV 4.0 Level I
Support	Based on ISO7816 implemantation
Other	Support PC/SC 2.0 Smart Card Industry Standard

Modules and Wireless Networ

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Bluetooth	Bluetooth 4.0
4G	FDD_LTE / WCDMA / TDSCDMA / GSM/GPRS/EDGE - Class 12 CDMA2000(EVDO) 800
GPS	High performance positioning engine. Support 50 channels
	GPS L1 Frequency , C/A Code. SBAS: WAAS/EGNOS/MSAS

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Image not found or type unknown umpc, tablet rugged, semi rugged, full rugged, tablet przemysłowy, tablet wojskowy, komputery medyczne, UMPC,

Product of i-Mobile is directed to audiences Primarily as emergency services, **industry**, surveying, telecommunications, airlines, in
Which are Often in a humid environment.

Operating temperature: -10 ° C ~ 50 °C

Operating Humidity: 0% ~ 95%

Image not found or type unknown umpc, tablet rugged, semi rugged, full rugged, tablet przemysłowy, tablet wojskowy, komputery medyczne, UMPC,

High Temperature: MIL-STD 810G Method 501.5

Image not found or type unknown umpc, tablet, rugged, semi rugged, full rugged, tablet przemysłowy, tablet wojskowy, komputery medyczne, UMPC

This test procedure determines a computer's operating performance during exposure to high temperature conditions. The operation

Low Temperature: MIL-STD 810G Method 502.5

This test determines the performance of the computer during exposure to low temperature conditions. The operational test differs fr

Temperature Shock: MIL-STD 810G Method 503.5

Temperature shock tests determine if an item can withstand sudden changes in the temperature of the surrounding atmosphere wit

The two objectives of the temperature shock test are set to determine whether the test item can still a) be safely operated, and b) sat

Rain: MIL-STD 810G Method 506.5

Rain Resistance tests are performed to determine the resistance to rain and wind-driven rain.

Vibration: MIL-STD 810G Method 514.6

Vibration resistance tests are conducted to determine the strength of the device even during transport.

Drop: MIL-STD 810G Method 516.6

Free fall drop tests (shock) are performed to ensure that equipment can withstand relatively infrequent, non-repetitive shocks or tra

Standards

Operating temperature	
Storage Temperature	
Relative Humidity	
Dust Protection	
Water Protection	
Vibration	
Drop Test	
Regulatory	

Image not found or type unknown umpc, tablet, rugged, semi rugged, full rugged, tablet przemysłowy, tab