



Industrial Tablet i-Mobile IO-10 v.3

<b>Category:</b>	UMPC - Ruggedized
<b>Operating System:</b>	No - (Option Windows XP,7,Vista)
<b>Display:</b>	10.1" (1024x600)
<b>Brightness:</b>	350nit
<b>Processor:</b>	Intel® Atom™ Dual N2600 (1M Cache, 1.6 GHz)
<b>Memory:</b>	2GB DDRII
<b>Hard Drive:</b>	SSD 64GB
<b>Touch screen:</b>	Yes - Resistive-Capacitive Touch
<b>Durability:</b>	Yes - MIL-STD 810G
<b>Drop:</b>	Yes - MIL-STD 810G Metoda 516.6
<b>Shock:</b>	Yes - MIL-STD 810G
<b>Vibration:</b>	Yes - MIL-STD 810G
<b>Temperature:</b>	Operation: 0° – 40°C; Storage: -20°C - 60°C
<b>Humidity:</b>	0-90%
<b>1D barcode scanner (reader):</b>	No

<b>2D barcode scanner (reader):</b>	No
<b>RFID scanner (reader):</b>	No
<b>Other:</b>	Warranty 1 year (Option 2 years)
<b>Battery:</b>	1x 3800mAh 7.4V, adapter 100~240V Output DC: 16V / 4A (option 2 batteries)
<b>Working time on battery:</b>	up to 10h
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	Yes
<b>LAN:</b>	No
<b>WLAN:</b>	Yes - WiFi b/g/n
<b>Bluetooth:</b>	Yes - Bluetooth 3.0
<b>WAN:</b>	Yes - HSDPA / UMTS / GPRS / WCDMA / GSM
<b>GPS:</b>	Yes- With 20 chanel
<b>Camera:</b>	Yes - 2MPx (Front) i 5MPx (Back)
<b>In/Out:</b>	2x USB 2.0, 1x DC-in Jack, 1x RS232, Docking port
<b>Optional accessories:</b>	Barcode scanner, Magnetic card reader (MSR), Micro chip card reader , RFID scanner, Docking station, VESA mounting
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	Yes
<b>COM port:</b>	Yes
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	-----
<b>Graphics card:</b>	Integrated GMA 600
<b>Chipset:</b>	-----
<b>BIOS:</b>	Phoenix BIOS
<b>Casing material:</b>	plastic
<b>Flash Card Reader:</b>	No

<b>CD/DVD:</b>	No - Optional on USB
<b>Audio:</b>	Built-in speaker and microphone
<b>Keyboard:</b>	No - Function keys
<b>Additional Navigation Devices :</b>	Yes - Direction keys
<b>Color:</b>	Black
<b>Swivel Hinge:</b>	No
<b>VGA out:</b>	No
<b>TV Out:</b>	No
<b>TV Tuner:</b>	No
<b>Security:</b>	ABS + PC, Plastic i rubber
<b>Waterproof:</b>	Yes - IP65
<b>Sand and dust:</b>	Yes - IP65
<b>Size:</b>	288 x 225 x 23 mm / 1500g
<b>Fanless casing:</b>	Yes

**Product from the Archive - production finished**



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**i-Mobile** Technology Corporation, founded in 2003 in Taipei, develops and manufactures industrial Tablet PCs. i-Mobile provides robust tablet PCs for vertical markets including field service, health care, diagnostics, transportation, retails, hospitality, and etc. i-Mobile is headquartered in Taipei Neihu Technology Park with abundant high technology resource; this helps for development efficiency and issues resolving.

Research & Development

i-Mobile has a complete outstanding research & develop team to design the industrial tablet PCs. i-Mobile offers wide range of service for configuration modification of the industrial Tablet PCs. This customizes service increases compatibility of embedded computing.

i-Mobile treasures the customers and suppliers as long term partners. In order to achieve the stable providing for vertical market projects, i-Mobile offers long time product life cycle.

## Description



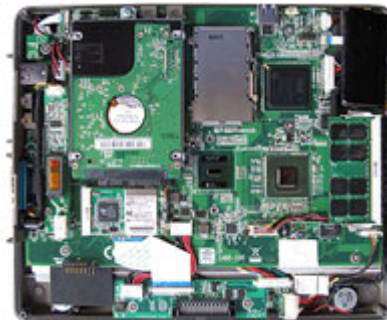
The value of MIL-STD-810G protection ruggedized tablet for industrial applications and harsh environments. Intel Ultra low power Atom processor with daylight readable LED display built-in Bluetooth, WiFi,(optional) 3.5G with GPS (optional) to let your daily works without compromise!

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### Guarantee

**i-Mobile** corporation give 1 years standard guarantee.  
Optional possibility 2 years.



Dual-Core Intel® Atom™ N2600 is one of the fastest processors for tablets, netbooks and nettops. The use of dual-core processor made the IC model - 8 is a top-class product in the category of industrial tablet. N2600 Dual Processor Provides a very good performance in such a small tablet, IO - 10 fast processor will allow for smooth operation of the device at all times. Tablet is also equipped with Intel NM10 chipset and 2GB of RAM type DDR3 SODIMM.



**IO-10 semi rugged tablet** from i-Mobile is a great reason to throw out your old computer. Is known as the mobile replacement because it has everything your desktop PC has, plus more. With its gorgeous 10.1-inch LED (Sunlight readable, 1024x600) screen display, you no longer have to squint to see things on the screen.



#### **Function Hot-Swap:**



Everyone wants as much processing speed as possible, especially in mobile units. The battery life of our Rugged Tablet PC has been extended by our new function to change the second battery without shutting down your system. We believe it will bring immense benefits and reliability in your mobile application.

## Functionality

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- Bluetooth 3.0, WiFi 802.11b/g/n, modul 3.5G (option), 20-channel GPS module (optional)

- UMTS/HSUPA:  
2100, 1900, 850MHz

- GSM/GPRS/EDGE:  
850/900/1800/1900MHz

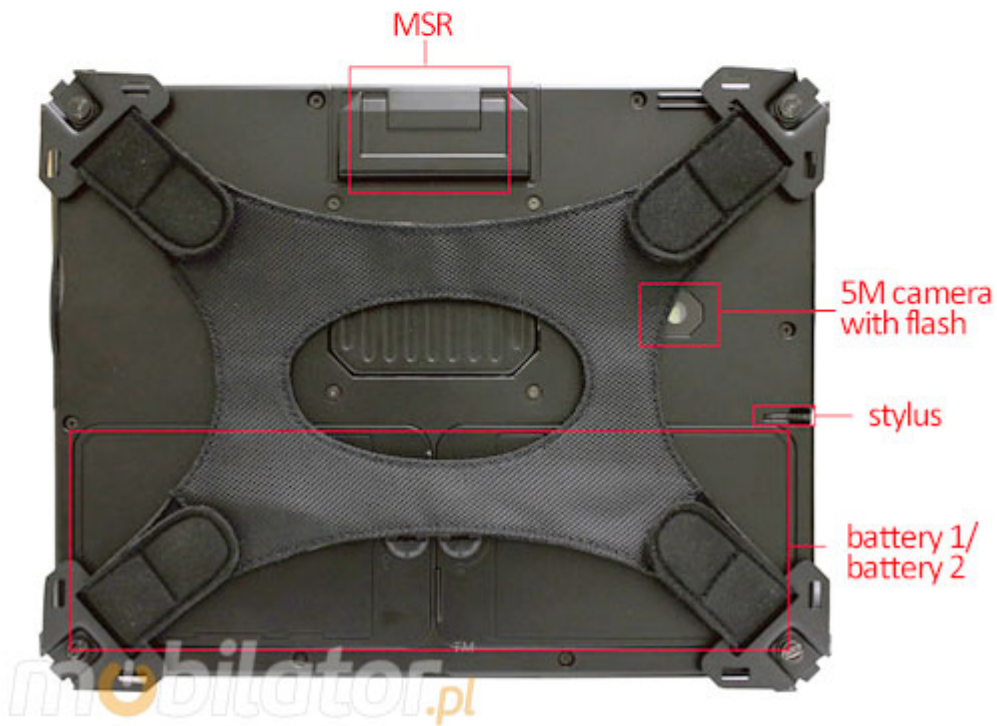
- HSPA/WCDMA  
Downlink: 7.2Mbps  
Uplink: 2Mbps



It relieves the warehouse and does not create a bottleneck in the logistics processes. 2D bar code reader (option) can read, decode and transfer to your computer data stored in the barcode.

With dynamic scanning capabilities and large range of reading, the device quickly and accurately retrieve data, which helps increase speed and efficiency. You can quickly launch a whole because, simplified installation and intuitive, comfortable design to prepare scanner to work is very easy.





Use



When is rugged too rugged? i-Mobile realized that a majority of semi-rugged tablets were rarely being taken out of vehicles—and customers were paying for protection they didn't need. That's why the company has a "vehicle-rugged tablet," the IO-10. This tablet can withstand the rigors of being in a car, including vibration and the occasional coffee spill.

**Operating temperature: 0°C~40°C**

**Operating relative humidity: 0%~90%**

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## Resistance standard







Reliability is one of the most important factors to consider when choosing mobile solutions, which is why Getac ensures that its fully-rugged units operate even when dropped onto concrete, or used in harsh environmental conditions such as heat and cold, dust and rain. The rigorous testing that these units go through ensures that our clients are provided with products that meet the highest standards of ruggedness and reliability. Getac employs MIL-STD 810G to test its products. This standard, set by the US military, is the most widely used international standard.

MIL-STD 810G covers a broad range of tests used to measure equipment reliability:

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Device resistance standard:

### **High Temperature: MIL-STD 810G Method 501.5**

This test procedure determines a computer's operating performance during exposure to high temperature conditions. The operational test differs from the storage test in that the computer is evaluated while conditioned to elevated temperatures determined to be applicable to, or resulting from, exposure in its operational configuration.

### **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 from the storage test in that the computer is evaluated under cold conditions determined to be applicable to, or resulting from, exposure in its operational configuration.

### **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 without experiencing physical damage or deterioration in performance.

The two objectives of the temperature shock test are set to determine whether the test item can still a) be safely operated, and b) satisfy its performance requirements, after being exposed to sudden changes in temperature of the surrounding atmosphere.

### **Rain: MIL-STD 810G Method 506.5**

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

### **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 transient vibrations encountered during handling, transportation, and normal service.

The standard requires 26 drops from 1.2 m (4 ft) onto plywood, using up to 5 units.

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# Certificate

