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Industrial Tablet i-Mobile IO-10 v.1.1

Category:	UMPC - Ruggedized
Operating System:	No - (Option Windows XP,7,Vista)
Display:	10.1'' (1024x600)
Brightness:	350nit
Processor:	Intel® Atom™ Dual N2600 (1M Cache, 1.6 GHz)
Memory:	2GB DDR2
Hard Drive:	32GB SSD
Touch screen:	Yes - Resistive-Capacitive Touch
Durability:	Yes - MIL-STD 810G
Drop:	Yes - MIL-STD 810G Metoda 516.6
Shock:	Yes - MIL-STD 810G
Vibration:	Yes - MIL-STD 810G
Temperature:	Operation: 0° – 40°C; Storage: -20°C - 60°C
Humidity:	0-90%
1D barcode scanner (reader):	No

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

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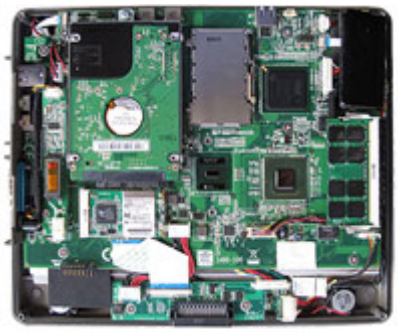

Guarantee

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, WiFi802.11b/g/n, moduł 3.5G (option), 20-channel GPS module (optional)

- UMTS/HSUPA:
2100, 1900, 850MHz

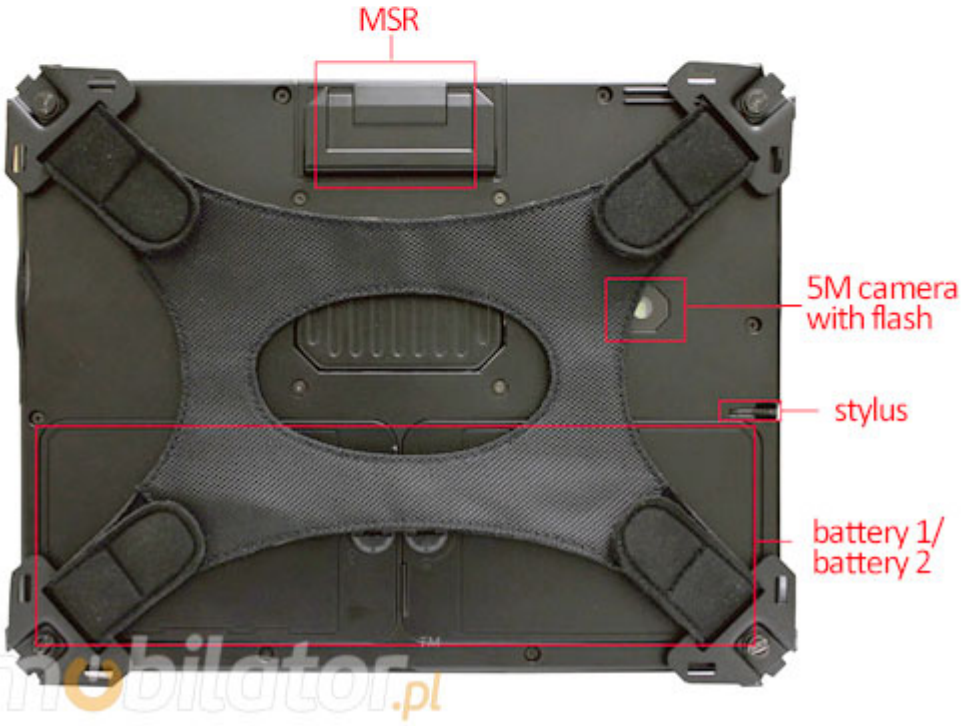
- GSM/GPRS/EDGE:
850/900/1800/1900MHz

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

:t 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 andefficiency. You can quickly launch a whole because, simplified installation and intuitive, comfortable design to prepare scanner to work is very easy.


MSR
2M camera
Smart card reader
2D bar code scanner
RS-232
USB
DC/IN
Windows
Power
Hotkey
RFID
Docking port


MSR
5M camera with flash
stylus
battery 1/ battery 2

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

Ru[illegible]ne 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