

MTouch



Operator Panel Industrial MobiBOX IP65
Capacitive 1037U 10.4 v.4



Category:	Industrial Panel PC Computers
Manufacturer:	Mobilator
Screen size:	10.4"
Resolution:	1024 x 768
Aspect ratio:	4:3
Touchscreen:	Capacitive
Chipset:	Intel NM10
CPU Support:	Intel Celeron 1037U (2 x 1.80GHz)
Installed CPU:	Intel Celeron 1037U (2 x 1.80GHz)
Memory Support:	up to 8GB (max);
Installed Memory:	4 GB
Graphic Card:	Intel HD Graphics
Audio:	Realtek ALG662
Storage (HDD) Support:	32 - 512 GB SSD / 320 - 1TB HDD
Installed Storage (HDD):	128 GB SSD

CD/DVD Drive:	-----
LAN:	1 x RTL811E gigabit network card
Wireless LAN card:	Yes
Bluetooth:	-----
3G:	-----
GPS:	-----
TV Tuner:	-----
Watch Dog Timer:	-----
Ports - front panel:	-----
Ports - rear panel:	1x COM(RS-232)4x USB 2.01x HDMI1x VGA1xLAN1x Audio1x MIC1x DC-in
Ports - left panel:	-----
Ports - right panel:	-----
Power:	12V DC-in
Supported OS:	Microsoft Windows: 7/8.1/10; Linux
Installed OS:	-----
Dimensions:	288 x 231 x 43.5 mm
Weight:	1,42 kg
Expansion:	-----
Fanless:	No
Humidity:	10%~ 80%
Temp:	-10°C ~ 60°C
Storage Temp:	-30°C ~ 60°C
IP Norm:	-----
IP Level (back panel):	-----
IP Level (front panel):	IP65
Dual display:	Yes
Response time touch-panel (ms):	5
Contrast Ratio:	800:1

Brightness:	350 cd/m ²
Viewing Angle:	70°-85°
Backlight MTBF:	LED
Color Resolution:	16.7 M (8-bit)
Surface hardness (display):	-----
Touch Life (contacts):	more than 35 000 000 times
Housing material:	Aluminum Alloy+High Strength Cold Rolled Steel
Mounting VESA:	Yes
Folding Bracket (for office type working):	-----
Power Consumption:	40 W
Others:	Housing color: Black / Silver
Anti-vibration:	-----
Anti-shock:	-----
RFID scanner (reader):	-----
Barcode reader:	-----

Product from the Archive - production finished



Industrial Panel PC

Industrial Panel PC are excellent in environments dominated by dust, dirt and moisture. They are ideal for applications that require quiet operation.

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Panel PC



CPU: Intel® Celeron™ Procesor 1037U (2M Cache, 2 x 1.80 GHz)



Memory: 4GB RAM



Disk: 128GB SSD



System: Windows 10 / Windows 8.1 / Windows 7 / Linux



Screen: 10.4" / 1024x768 / 4:3 / Capacitive



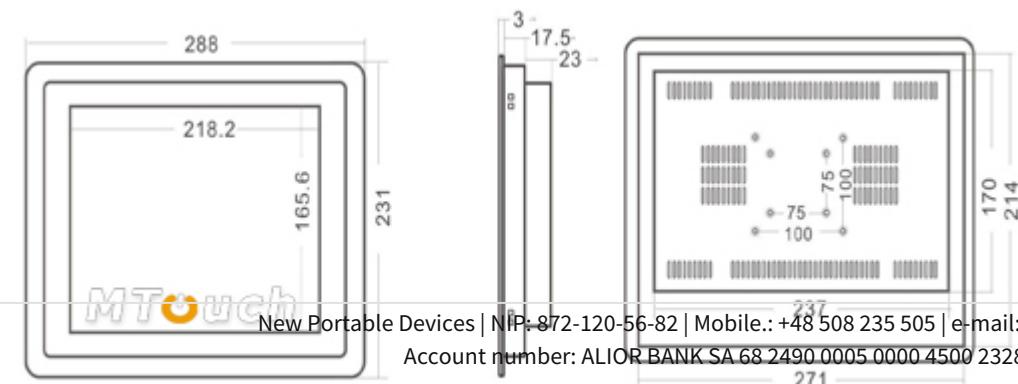
Expansion cards: none

Detailed specification of the configuration available in the "[Technical data](#)"

Using the latest technology Panel PC is designed for continuous multitasking operating with low power consumption (**40 W**). An important advantage is the effective combination of small size with considerable opportunities, through the use of **Intel® Celeron** processor family, Intel chipsets and **DDR3** memory. Integrated Intel®HD Graphics video graphics card and audio Realtek ALC662 allow you to play a wide range of applications and media files (video, audio). Disks offer free space from **32GB SSD to 512GB SSD** (320GB to 1TB HDD option).

Dimensions:

Housing dimension are **288 (W) x 231 (L) x 43.5(H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **1.5 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.



Communication:

Operator Panel Industrial MobiBOX IP65 1037U 10.4 standard has a system of wireless Wi-Fi communication. Optionally in other models are available also modules such as 3G.



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Connector:

Integrated **Intel RTL811E Gigabit LAN 1xRJ-45**, **WIFI** module allows you to connect the device to the network. The computer is equipped with: one **LAN** connector, one **COM port (RS232)**, one **VGA**, one **HDMI** output, four **USB 2.0** ports, one **audio** out, one **microphone** input, and a power **DC-in**.



1. Antena WI-FI

5. 4 x USB 2.0

9. COM (RS-232)

2. DC-IN

6. RJ-45

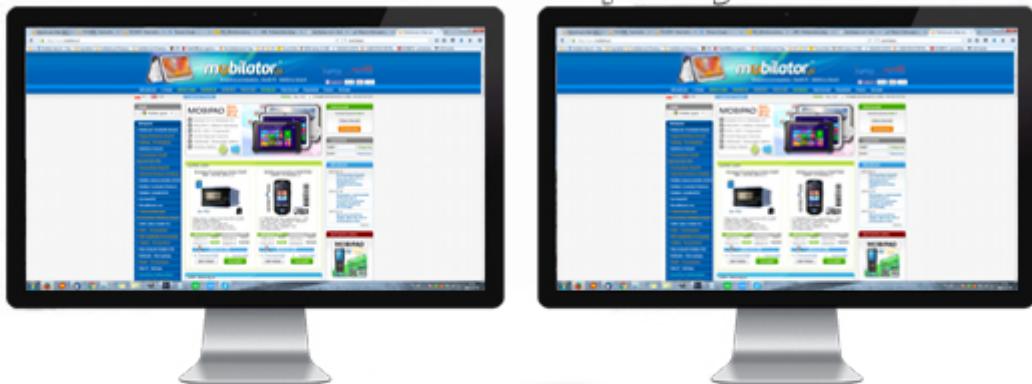
3. VGA

7. Audio

4. HDMI

8. Mic

Dual Display



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



VGA

Operator Panel Industrial MobiBOX IP65 1037U 10.4 has a water-resistant front panel and scratch resistant LED screen. With 1024x768 resolution and high brightness of 350 cd/m², screen of capacitive type with high sensitivity to touch, offers the user a clear picture and ease of use.

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Capacitive

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Capacitive screen

Operation of this type of screen is a bit more complex than the resistive screens, but the comfort of their use is much higher. In the capacitive screen capacitive electrodes are placed emitting weak electric field. If you touch the display, the intensity produced before the finger and the system will calculate respectively, where the disturbance occurred.

Screen capacitive



The image on the capacitive touch screen is a high-resolution image of a mobile phone application interface.

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here precise identification of the touch screen system, because this is a very high level, although many here depends on the materials used in the construction of the screen. There may be items that respond to a capacitive display as a list is very limited.

