

## MTouch



Operator Panel Industria with capacitive screen Fanless MobiBOX IP65 J1900 12 v.4.1



<b>Category:</b>	Industrial Panel PC Computers
<b>Manufacturer:</b>	Mobikator
<b>Supported OS:</b>	Microsoft Windows: 7/8.1/10; Linux
<b>Installed OS:</b>	----
<b>Screen size:</b>	12.1"
<b>Resolution:</b>	1024 x 768
<b>Aspect ratio:</b>	4:3
<b>Brightness:</b>	350 cd/m2
<b>Touchscreen:</b>	Capacitive
<b>CPU Support:</b>	Intel® Celeron™ J1900 (4 x 2.0 GHz)
<b>Installed CPU:</b>	Intel® Celeron™ J1900 (4 x 2.0 GHz)
<b>Graphic Card:</b>	Intel HD Graphics
<b>Storage (HDD) Support:</b>	32 - 512 GB SSD / 320 - 1TB HDD
<b>Installed Storage (HDD):</b>	128 GB SSD
<b>Memory Support:</b>	up to 8GB (max);
<b>Installed Memory:</b>	4 GB
<b>IP Norm:</b>	----
<b>IP Level (front panel):</b>	IP65

<b>IP Level (back panel):</b>	-----
<b>Temp:</b>	-10°C ~ 60°C
<b>Storage Temp:</b>	-30°C ~ 60°C
<b>Humidity:</b>	10%~ 80%
<b>Anti-shock:</b>	-----
<b>Anti-vibration:</b>	-----
<b>Barcode reader:</b>	-----
<b>RFID scanner (reader):</b>	-----
<b>Others:</b>	Housing color: Black / Silver
<b>LAN:</b>	1 x RTL811E gigabit network card
<b>Wireless LAN card:</b>	Yes
<b>3G:</b>	-----
<b>Bluetooth:</b>	-----
<b>GPS:</b>	-----
<b>Ports - rear panel:</b>	1x COM(RS-232)4x USB 2.01x HDMI1x VGA1xLAN1x Audio1x MIC1x DC-in
<b>Ports - front panel:</b>	-----
<b>Ports - left panel:</b>	-----
<b>Ports - right panel:</b>	-----
<b>Expansion:</b>	-----
<b>Power:</b>	12V DC-in
<b>Power Consumption:</b>	40 W
<b>Watch Dog Timer:</b>	-----
<b>Mounting VESA:</b>	Yes
<b>Folding Bracket (for office type working):</b>	-----
<b>Chipset:</b>	Intel NM10
<b>CD/DVD Drive:</b>	-----
<b>Audio:</b>	Realtek ALG662
<b>TV Tuner:</b>	-----

<b>Backlight MTBF:</b>	LED
<b>Contrast Ratio:</b>	800:1
<b>Dual display:</b>	Yes
<b>Viewing Angle:</b>	70°-85°
<b>Touch Life(contacts):</b>	more than 35 000 000 times
<b>Surface hardness (display):</b>	-----
<b>Color Resolution:</b>	16.7 M
<b>Response time touch-panel (ms):</b>	5
<b>Housing material:</b>	Aluminum Alloy+High Strength Cold Rolled Steel
<b>Dimensions:</b>	319 x 257 x 48 mm
<b>Fanless:</b>	Yes
<b>Weight:</b>	3.51 kg

**Product from the Archive - production finished**

**Operator Panel Industrial**  
**MobiBOX IP65 FANLESS J1900 12.1**

**MTouch**

**IP65**  
INGRESS PROTECTION

- 12" 12.1 inch**
- Screen Ratio 4:3**
- Resolution: 1024x768**
- Combine Multi Ports**
- LED backlight**
- Capacitive**

**intel Celeron inside**

## **Industrial Panel PC**

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

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**MobiBOX IP65 J1900 12 v.4.1**

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**Panel PC**



**CPU:** Intel® Celeron™ Processor J1900 (2M Cache, 4 x 2.00 GHz)



**Memory:** 4GB RAM



**Disk:** 128GB SSD



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



**Screen:** 12.1" / 1024x768 / 4:3 / Capacitive



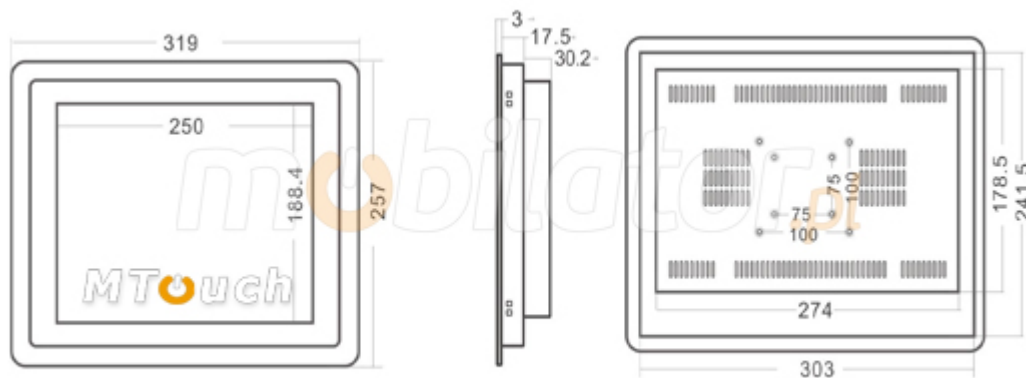
**Expansion cards:** none

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 **319 (W) x 257 (L) x 50 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **3,5 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.



#### Cooling:

**Operator Panel Industrial MobiBOX Fanless IP65 J1900 12** is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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## Communication:

Operator Panel Industrial MobiBOX Fanless IP65 J1900 12.1 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 ports (RS232)**, one **VGA**, one **HDMI** output, four **USB 2.0** ports, one **audio** out, one **microphone** input, and a power **DC-in**.



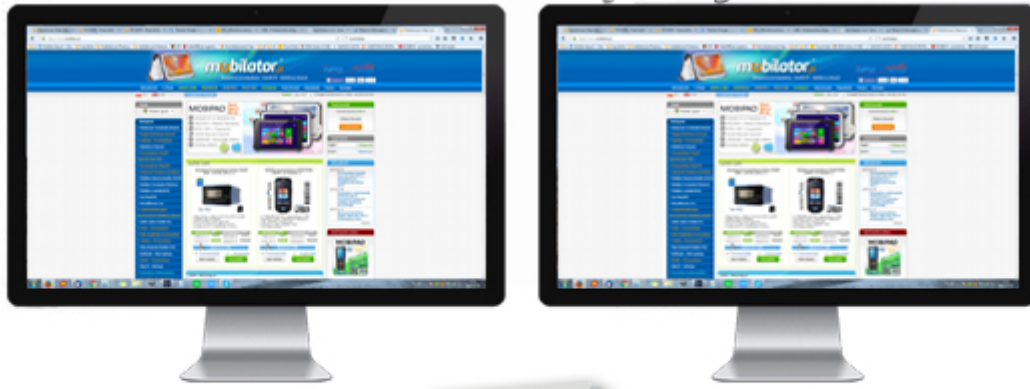
- 1. Antena WI-FI
- 2. DC-IN
- 3. VGA
- 4. HDMI

- 5. 4 x USB 2.0
- 6. RJ-45
- 7. Audio
- 8. Mic

- 9. COM (RS-232)



# Dual Display



**HDMI™**  
HIGH DEFINITION MULTIMEDIA INTERFACE



**VGA**



Operator Panel Industrial MobiBOX Fanless IP65 J1900 12.1 has a water-resistant front panel and scratch resistant LED screen. With resolution and high brightness of 350 cd/m2, screen of capacitive type with high sensitivity to touch, offers the user a clear picture for use.

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## Capacitive



### 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



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The image on the capacitive screen is clearly visible both indoors and outdoors. Particularly noteworthy here precise identification system, because this is a very high level, although many here depends on the materials used in the construction of the screen. The

