

MTouch



Operator Panel Industria with capacitive screen Fanless MobiBOX IP65 J1900 12 v.2.1



Category:	Industrial Panel PC Computers
Manufacturer:	Mobikator
Supported OS:	Microsoft Windows: 7/8.1/10; Linux
Installed OS:	----
Screen size:	12.1"
Resolution:	1024 x 768
Aspect ratio:	4:3
Brightness:	350 cd/m2
Touchscreen:	Capacitive
CPU Support:	Intel® Celeron™ J1900 (4 x 2.0 GHz)
Installed CPU:	Intel® Celeron™ J1900 (4 x 2.0 GHz)
Graphic Card:	Intel HD Graphics
Storage (HDD) Support:	32 - 512 GB SSD / 320 - 1TB HDD
Installed Storage (HDD):	64 GB SSD
Memory Support:	up to 8GB (max);
Installed Memory:	4 GB
IP Norm:	----
IP Level (front panel):	IP65

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

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

818,02 €

net price: 665,06 €

Operator Panel Industrial
MobiBOX IP65 FANLESS J1900 12.1

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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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Panel PC



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



Memory: 4GB RAM



Disk: 64GB SSD



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



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



Expansion cards: none

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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**.

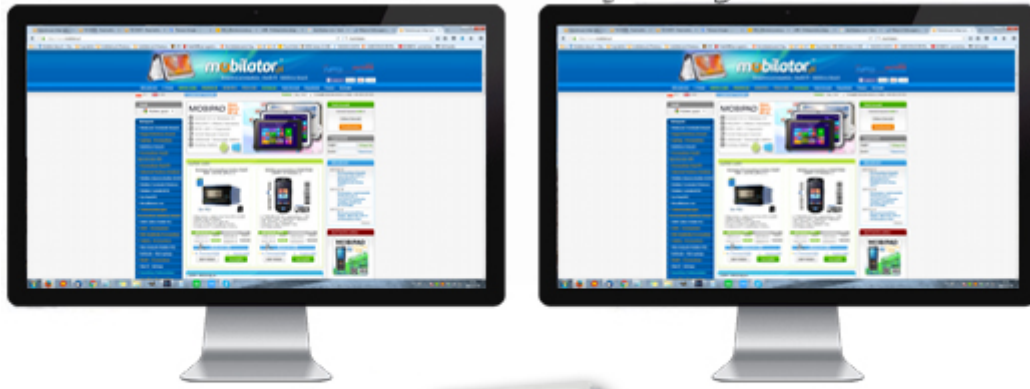


1. Antena WI-FI
2. DC-IN
3. VGA
4. HDMI

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



New Portable Devices | NIP: 872-120-56-82 | Mobile.: +48 508 235 505 | e-mail: sklep@mobilator.pl

Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

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

