



Industrial PanelPC MobiBOX 12 v.5

Category:	Industrial Panel PC Computers
Manufacturer:	Mobilator
Screen size:	12"
Resolution:	800 x 600
Aspect ratio:	4:3
Touchscreen:	Capacitive
Chipset:	Intel NM70
CPU Support:	Intel Celeron 1037U (2 x 1.80GHz)
Installed CPU:	Intel Celeron 1037U (2 x 1.80GHz)
Memory Support:	up to 4GB (max);
Installed Memory:	2 GB
Graphic Card:	Intel HD Graphics
Audio:	Realtek ALG662 6 sound track audio frequency
Storage (HDD) Support:	32 - 512 GB SSD / 320 - 1TB HDD
Installed Storage (HDD):	64 GB SSD / 500 GB HDD (option)

CD/DVD Drive:	-----
LAN:	Realtek RTL 8111E, 10/100/1000Mbit 1 x RJ45 Port
Wireless LAN card:	Yes
Bluetooth:	-----
3G:	-----
GPS:	-----
TV Tuner:	-----
Watch Dog Timer:	-----
Ports - front panel:	-----
Ports - rear panel:	1x COM(RS-232) / 4x USB 2.0 / 1x HDMI / 1x VGA / 1xLAN / 1x Audio / 1x MIC / 1x DC-in
Ports - left panel:	-----
Ports - right panel:	-----
Power:	12V DC-in
Supported OS:	Microsoft Windows: XP/Vista/7/8/8.1; Linux
Installed OS:	-----
Dimensions:	299 x 238 x 50 mm
Weight:	6 kg
Expansion:	-----
Fanless:	No
Humidity:	0%~ 80%
Temp:	-10°C ~ 60°C
Storage Temp:	-10°C ~ 60°C
IP Norm:	-----
IP Level (back panel):	-----
IP Level (front panel):	-----
Dual display:	Yes
Response time touch-panel (ms):	5
Contrast Ratio:	800:1

Brightness:	350 cd/m2
Viewing Angle:	H170/170 V160/160
Backlight MTBF:	LED
Color Resolution:	16.7 M
Surface hardness (display):	-----
Touch Life(contacts):	more than 35 000 000 times
Housing material:	Metal
Mounting VESA:	Yes
Folding Bracket (for office type working):	Yes
Power Consumption:	40 W
Others:	Housing color: Black / White
Anti-vibration:	-----
Anti-shock:	-----
RFID scanner (reader):	-----

Product from the Archive - production finished

MTouch

Industrial PanelPC MobiBOX 12



12" 12 inch	Resolution: 800*600	LED backlight
Screen Ratio: 4:3	Combine Multi Ports	Touch Accuracy: <0.2m

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Specification

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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Description



MTouch

Panel PC

CPU: Intel® Celeron™ Processor 1037U (2M Cache, 2 x 1.80 GHz) / Intel® Atom™ D2550 (1M Cache, 2 x 1.86 GHz) **(option)**

Memory: 2GB RAM

Disk: 64GB SSD / 500GB HDD **(option)**

System: Windows 10 / Windows 8.1/8 / Windows 7 / Windows XP / Linux

Screen: 12" / 800x600 / 4:3 / Capacitive

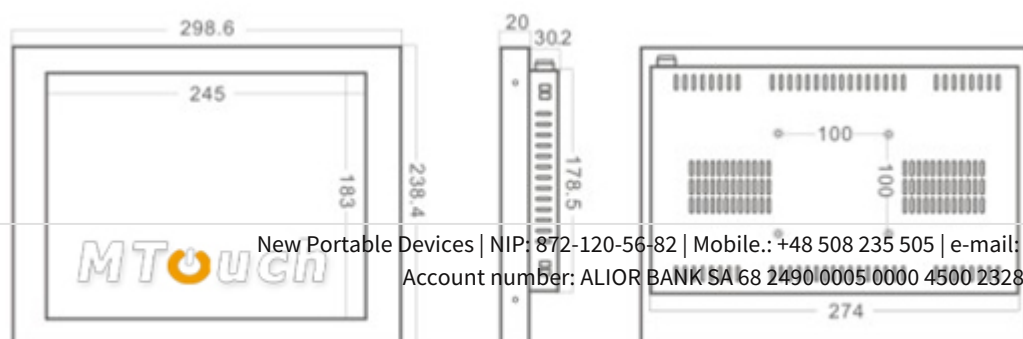
Extension cards: 2 x Mini PCI Express

 Detailed specification of given config available in "**Technical data**" tab

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 **DDR2** 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 **299 (W) x 238 (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 **6 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.



Communication and interfaces

Communication:

Industrial PanelPC MobiBOX 12 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 IntelRTL8111E LAN 1xRJ 1000M-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.

MTouch



- 1. Antena WI-FI
- 2. COM (RS-232)
- 3. 2 x USB 2.0
- 4. HDMI

- 5. VGA
- 6. 2 x USB 2.0
- 7. RJ-45
- 8. Audio

- 9. Mic
- 10. DC-in

Dual Display



Screen

Industrial PanelPC MobiBOX 12 has a water-resistant front panel and scratch resistant LED screen. With 800x600 resolution and high brightness of 350 cd/m², screen of "5 wire resistive" type with high sensitivity to touch, offers the user a clear picture and ease of use.

MTouch



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 corners of the screen capacitive electrodes are placed emitting weak electric field. If you touch the display, the intensity produced before the field changes, and the system will calculate respectively, where the disturbance occurred.



Screen capacitive

