



Open Frame Touch Screen PC CCETouch CT22-OPCR-3G

Category:	Industrial Panel PC Computers
Manufacturer:	CCETouch
Supported OS:	Microsoft Windows: XP/Vista/7/8/8.1; Linux
Installed OS:	-----
Screen size:	22"
Resolution:	1920 x1080
Aspect ratio:	4:3
Brightness:	250 cd/m2
Touchscreen:	IR
CPU Support:	Intel® Celeron™ J1900 (4 x 2.0 GHz)
Installed CPU:	Intel® Celeron™ J1900 (4 x 2.0 GHz)
Graphic Card:	Intel® HD 2500
Storage (HDD) Support:	32 - 512 GB SSD / 320 - 1TB HDD
Installed Storage (HDD):	32 GB S-ATA SSD
Memory Support:	up to 8GB DDR3 Max. SODIMM
Installed Memory:	2 GB DDR3
IP Norm:	-----
IP Level (front panel):	-----

IP Level (back panel):	-----
Temp:	0°C ~ 60°C
Storage Temp:	-15°C ~ 70°C
Humidity:	5%~ 95%
Anti-shock:	-----
Anti-vibration:	-----
RFID scanner (reader):	-----
Others:	-----
LAN:	Realtek RTL RTL8105E, 1x10/100/1000Mbit RJ45 Ports
Wireless LAN card:	Yes
3G:	Yes
Bluetooth:	-----
GPS:	Yes
Ports - rear panel:	1 x VGA1 x HDMI 2 x USB 2.01 x USB 3.02 x RJ-45 LAN3 x RS-232 COM1 x RS-485 COM1 x DC-in1 x MIC1 x Audio1 x WIFI antenna
Ports - front panel:	-----
Ports - left panel:	-----
Ports - right panel:	-----
Expansion:	-----
Power:	12 V
Power Consumption:	32 W
Watch Dog Timer:	-----
Mounting VESA:	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm
Folding Bracket (for office type working):	No (optional)
Chipset:	Intel® NM70 Mobile Chipset
CD/DVD Drive:	-----
Audio:	Realtek ALC662, 6 Channel High Definition Audio Codec 2x 2W loudspeaker
TV Tuner:	-----

Backlight MTBF:	LED/40,000 h
Contrast Ratio:	1000:1
Dual display:	Yes
Viewing Angle:	170;160
Touch Life(contacts):	>50.000.000 times
Surface hardness (display):	7H
Color Resolution:	16,7 mln
Response time touch-panel (ms):	10
Housing material:	Aluminum
Dimensions:	532 x 323 x 65.2 mm
Fanless:	Yes
Weight:	8.5 kg

Product from the Archive - production finished

Panel PC Open Frame



**Komputer Panelowy PC
CCETouch CT22-OPCR**

(June 2014) Industrial panel PCs **CCETouch** company are a new distribution segment on Mobilator.pl. CCETouch company has achieved an excellent reputation as a manufacturer of industrial touch panel computers. Due to the high position of products in the segment of high-tech has won the confidence of many customers around the world.



Open Frame Touch Screen PC

Fanless Industrial Panel PC computers OPEN FRAME are used in environments where you need a quick and hassle-free access to the network or data. They are ideal for applications that require quiet operation. Small but robust Panel PC using the heat-pipe technology and aluminum fins for passive cooling.

[go top...](#)



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CPU: Intel® Celeron™ J1900 (4 x 2.0 GHz)



Memory: 2GB RAM DDRIII SODIMM



Disk: 32GB SSD



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



Screen: 22" / 1920 x 1080 / 4:3 / IR



Expansion cards: none

Detailed specification of the configuration available in the "Technical data"

Using the latest technology (industrial fanless) Panel PC is designed for continuous multitasking operating with low power consumption (**32W**). 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 2500 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 532 (W) x 323 (L) x 62.5 (H) mm. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **8.5 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.



[go top...](#)

Communication:

Open Frame Touch Screen PC CCETouch CT22-OPCR standard has a system of wireless Wi-Fi communication. Optionally in other models are available also modules such as 3G and GPS.

With 3G module panel PC will have, wherever access to the resources of the Internet without restrictions.

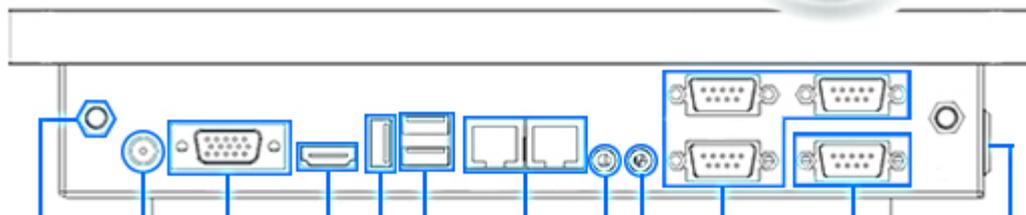
The GPS module installed in PanelPC enables user exact position location on the map, what extends PanelPC application to all types of vehicles.



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Connector:

The integrated network card **Intel RTL8111G 10/100/1000 Mbps LAN 2xRJ-45, WIFI** allows you to connect the device to the network. The computer is equipped with: two **LAN** connector, three ports **COM (RS232)**, one port **COM (RS485)**, one **VGA**, one **HDMI** output, two **USB 2.0** ports, one **USB 3.0** port, one **audio** input, one input **MIC**, connector **DC-in**.



Wi-fi DC-IN VGA USB 3.0 2x USB 2.0 2x LAN Audio MIC 3 x COM RS-232 COM RS-485 Power

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Dual Display



Open Frame Panel PC CCETouch CT22-OPCR has adapted to building 22 "LCD screen with 7H hardness. With 1920 x 1080 resolution and high brightness of 250 cd/m2, screen type IR with high sensitivity to touch, offers the user a clear picture and ease of use .



IR Technology

The oldest and hence tested and having the lowest failure rate, technology is infrared IR. Touch panels, operating on the infrared emitters have light-sensitive two rows perpendicular to each other on the walls of the screen. This solution does not require a special screen coating, which could distort the displayed content. The disadvantages of this type of panels are: poor resistance to infrared light (not suitable for outdoor use, the sunlight), and the work in a narrow temperature range (not resistant to high and low temperatures; unexpected change in temperature can damage the panel).

Technologia IR

Vertical and horizontal infrared beams

/ Pionowa i pozioma sieć promieniowania podczerwonego /

A finger touches the screen and disrupts beams

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	v.1	v.2	v.3	v.4
1	—	—	—	—
2	—	—	—	—
3	—	—	—	—
4	—	—	—	—