



## Open Frame Touch Screen PC CCETouch CT22-OPCR

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

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

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

**CCET** 思易电子  
Technology

## **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.

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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.



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## Communication:

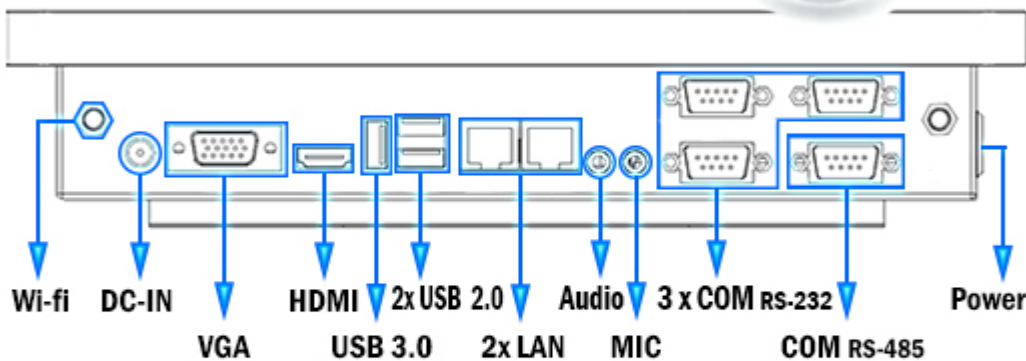
Open Frame Touch Screen PC CCETouch CT22-OPCR standard has a system of wireless Wi-Fi communication. Optionally in other models are available also modules such as 3G and GPS.



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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**.



# 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

/ Palec dotyka ekranu i zakłóca sieć IR /



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