USER MANUAL

15 Inch Industrial Panel Touch Computer

CTPC015
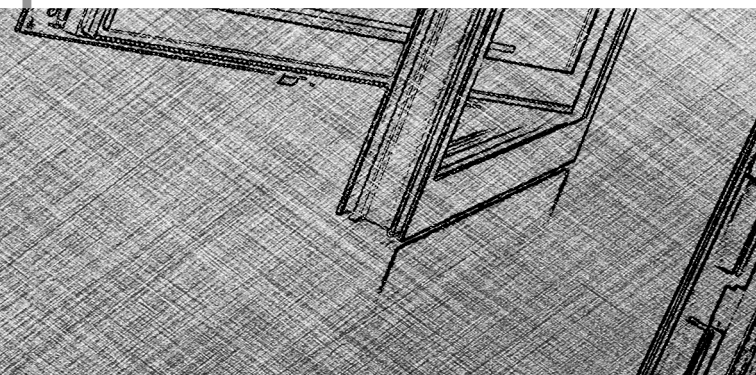
CCE

Legal Information

Warnings

Please pay attention to the tips within the manual so as to avoid personal injury or property losses. The tips for personal injury are indicated in warning triangles while the tips only related to property losses have no warning triangles. The warning tips are

⚠ **Danger**
If handled carelessly, death or severe human injury will occur.

⚠ **Warning**
If handled carelessly, death or severe human injury might occur.

⚠ **Caution**
Warning triangle indicates that slight human injury might occur if handled carelessly.

⚠ **Note**
Unexpected result or status might occur, if not handled according to the tips.

Professional Personnel

The product/system covered by the manual can only be handled by qualified and professional personnel. During operation, please follow the respective instructive manual, especially the safety warnings. The professional personnel have been trained and possess relevant experiences; therefore, he/she could be aware of the risks of the product/system and avoid possible damages.

CCE Product

Please pay attention to the following instructions:

⚠ **Warning**
CCE product can only be used according to the descriptions within the manual,including the contents and the relevant technical documents. If the products or components from other companies are required, please get the recommendation and grant from CCE first. Proper transportation, storage, assembly, installation, debugging, operation and maintenance are prerequisite to ensure product safety and normal operation; therefore, please ensure permitted environment conditions and pay attention to the tips within the manual.

Notice

Information offered in this manual is believed to be correct at the time of printing, and is subject to change without prior notice in order to improve reliability, design and function and does not represent a commitment on the part of the manufacturer. In noevent will the manufacturer be liable for direct, indirect, special, incidental, or consequential damages arising out of improper installation and/or use, or inability to use the product or documentation.

Warranty Terms:

The warranty on the products lasts for 24 months from the date of purchase under following conditions:

*All warranties are avoif if the products had been opened or disassembled without CCE's prior approval;

*Damager caused by improper handling or operation, by incorrect installation or storage, through improper connections,as well as due to force majeure or other external influences;

*For warranty claim, we reserve the right to replace the defective components or units;

*Exchanged components or units become the property of CCE;

*Claims or Damages are excluded in so far as they are not based on intent or gross Negligence of CCE;

*After expiration of the warranty period, warranty claims can no longer be pursued;

*Any warranty claim must be accompanied by proof of purchase (receipt or invoice)

Please visit our website: http://www.ccetouch.com for more information,or send an email to the Technical Support Mailbox support@ccetouch.com or sales@ccetouch.com for enquiry.
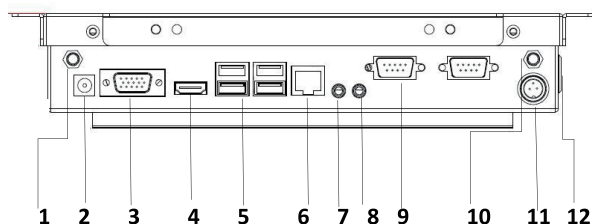
Overview

CCE D2550 industrial panel PCs contain Intel® Atom D2550 1.8GHz processor on-board; supports max 8G DDR3 memory, two COM ports (S-232), eight USB2.0 ports (4 internal connected), one Gigabit LAN port, one 1x8 Phoenix terminal (8-channel GPIO), one VGA connector, one HDMI port, one standard MSATA expansion slot to realize the requirements of users for external card expansion.The product adopts 7 ~30VDC wide voltage power supply.

Featuring low power consumption, Gigabit LAN port, multi-COM ports,expansion function and various connectors, the product is ideally suitable for the HMI applications in such fields as solar energy, factory automation and on-site measurement and control devices, etc.

Sizes available in 8",10",10.4",12.1",15",17",19" and 21.5"

Product Diagram

|		
1 WIFI connector		8 MIC
2 DC in 12V		9 RS232
3 VGA		10 WIFI connector
4 HDMI		11 Screwable DC in(see definition)
5 USB 2.0		12 Power ON/OFF button
6 RJ45		
7 Ear out		

Overview

CCE 1037U touch pcs contain Intel® Celeron™ 1037U Dual core 22nm Processor (1.8GHZ) TDP 17W on-board; supports max 8G DDR3 memory, two COM ports (S-232), four USB2.0 Ports, one Gigabit LAN ports, one VGA connector, one HDMI port, two mini PCIE expansion slot., The product adopts 12VDC voltage power supply.
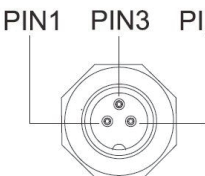
Internal connectors:

1*LVDS
1*JHDMI 2*8Pin
1*JVGA1 2*10Pin
1*LPT
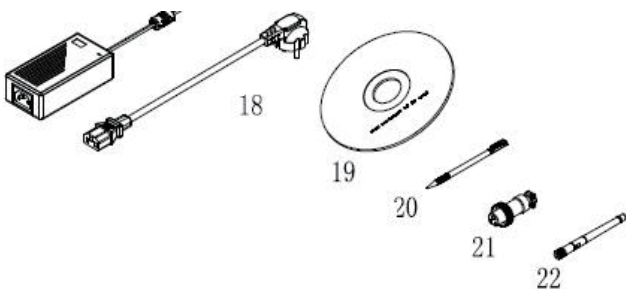4*USB 2.0
1*PS/2 6Pin
1*SIM card slot

Product Diagram

| 1 | 2 3 | 4 | | 5 | 6 | 7 8 | 9 | 10 11 |
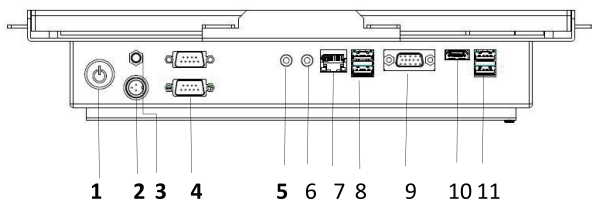
1 Power ON/OFF button   7 RJ45
2 Screwable DC in(see definition)   8 USB 2.0
3 WIFI connector   9 VGA
4 RS232   10 HDMI
5 Ear   11 USB2.0
6 MIC

Screwable DC-in Definition

PIN1 PIN3 PIN2	**PIN 1: +**
	PIN 2: GND
	PIN3: free

Accessories:

18 AC power adapter supports 100v-240v

19 CD

20 Touch Pen

21 3-PIN Power connector
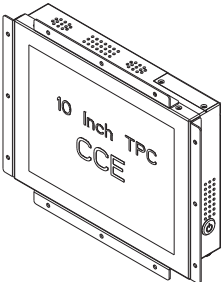
22 WIFI antenna
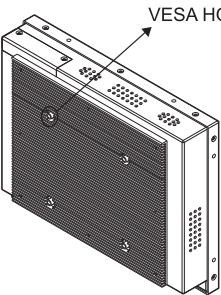
23 Rack mount kits(4 pcs)

Mounting Method
■ Rack Mount ■VESA Standard Arm

Rack Mounting

	Step: Use the screws to fix the rack mount kits on 4 sides of CCE touch pc, as shown in the left picture
	Notice: During the installation, pls use screws enclosed with the touch pc or selected screws according to instruction of the manual

VESA Standard Supporting Arm Mounting

VESA HOLES 	**Step:** Use the screws to fix the pc on the supporting Arm bracket, as shown in the left picture
	⚠ **Warning** The weight bearing capacity of VESA arm shall be at least twice the weight of the PC.

Initial Set Up Information

CCE offers you a well-engineered, high quality PC hardware. For the software Installation, use and maintenance, user is responsible.

All necessary drivers for MB, Touch screen, WIF module etc all included in CD, users can also visit www.ccetouch.com for updated version.

To start, connect your CCE TOUCH PC with the delivery included AC-DC adapter or use a 12V DC power source with at least 5A DC. Press ON/OFF button to start the CCE pc.

Additional Screwable DC in connector: when you use this one to power your CCE pc,DO take care of the right polarity, otherwise your pc will be destroyed.

BIOS setting: press DELETE key in the process of PC booting

How to add external Hard Drive:
Open the SSD Shelf(on the backside of CCE PC) to insert in 2.5" HDD/SSD with height of 9mm

Trouble Shootingi

Common Malfunctions	Reasons	Solution
The device is not Operating	No power supply	Please check the power supply and the power cable or connector
	Improper device operating environment	1. Check with the environment conditions; 2. Please wait for twelve hours before powering on the device shipped in cold weather
Incorrect time or date on PC	Incorrect BIOS setting	Follow the power-on prompt and press the key to enter the BIOS Setup; adjust the time and date in BIOS Setup.
BIOS setting is correct while the time and date are incorrect.	Insufficient backup batterycapacity	Replace the battery

|		
USB device has no response	USB port is disabled in BIOS	Use other USB ports or enable that port.
	USB2.0 device is connected; however, USB2.0 is disabled.	Enable USB 2.0.
	USB port is not supported by the operating system.	1. Enable USB Legacy Support for the mouse and keyboard (Legacy USB is supported); 2. For other devices, appropriate USB drivers are required.
The computer is not booted or displays "Boot device not found"	In booting priority of the BIOS setting, the device is not the first priority or the device is not included in the booting device.	Modify the booting priority of the device in the Boot menu of BIOS setting or include that device into the booting priority.
No system disk can be found when powering on	The HDD power cable or data cable is not connected well.	Check whether the power cable and the data cable of the hard disk (the hard disk shall be installed with operating system and is bootable) are well connected.
	System files on the hard disk are damaged.	Enter the systemwith a bootable disk;check whether the system in thehard disk is damaged.
Touch screen is not accurate	Touch driver not properly installed	Install the most updated touch screen driver
	Calibration	After touch screen driver installed on your pc, pls do a recalibration to improve the exactness of touch panel

FCC Warning:
This equipment has been tested and found to comply with the limits for
a Class B digital device, pursuant to part 15 of the FCC Rules. These
limits are designed to provide reasonable protection against harmful
interference in a residential installation. This equipment
generates, uses and can radiate radio frequency energy and, if not
installed and used in accordance with the instructions, may cause
harmful interference to radio communications. However, there is no
guarantee that interference will not occur in a particular
installation. If this equipment does cause harmful interference
to radio or television reception, which can be determined by
turning the equipment off and on, the user is encouraged to
try to correct the interference by one or more of the following measures:

o Reorient or relocate the receiving antenna.
o Increase the separation between the equipment and receiver.
o Connect the equipment into an outlet on a circuit different from that
to which the receiver is connected.
o Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly
approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is
subject to the following two conditions: (1) This device may not
cause harmful interference, and (2) this device must accept any
interference received, including interference that may cause undesired
operation.

To comply with FCC RF exposure compliance requirements,
this grant isapplicable to only mobile configurations. The antennas
used for this transmittermust be installed to provide a separation
distance of at least 20 cm from allpersons and must not be co-located
or operating in conjunction with any otherantenna or transmitter.
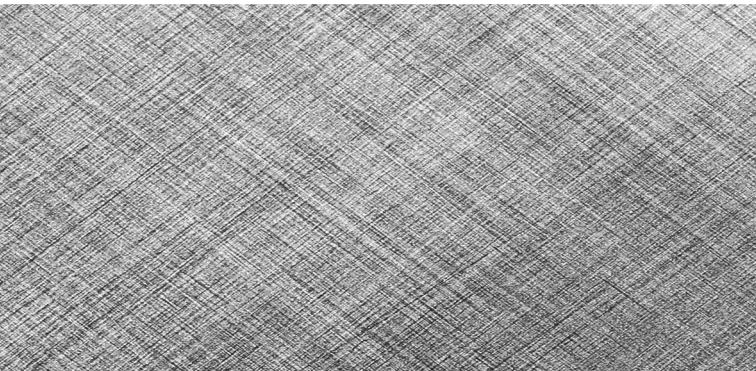
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