

PPC-080T-N2600

USER'S GUIDE

Warranty:

faytech touch PCs are produced following the most modern production and test processes. Carefully selected components and accurate production ensure reliable operation and long life. faytech warrants to the original purchaser that each faytech touch PC delivered shall be free from defects in material or workmanship at time of shipment, and that each such module delivered will meet the published specifications for a period of 24 months as measured from the date of original shipment. faytech's obligation under the Warranty contained herein is limited to the repair or replacement of any faytech touch PC that does not meet the specifications, provided that said product is returned to faytech, transportation charges pre-paid, and provided that upon faytech's examination, the product, when tested within the specified ratings and in accordance with good engineering practice, does not meet the specifications as defined. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**

All claims under warranty must be made promptly after occurrence of circumstances giving rise thereto and must be received within the applicable warranty period by faytech or its authorized representative. Such claims should include the Product type and serial numbers and a full description of the circumstances giving rise to the claim. Before any Products are returned for repair and/or adjustment, written authorization from faytech or its authorized representative for the return and instructions as to how and where these Products should be shipped must be obtained. Any product returned to faytech for examination shall be sent prepaid via the means of transportation indicated as acceptable by faytech. faytech reserves the right to reject any warranty claim not promptly reported and any warranty claim on any item that has been altered or has been shipped by non-acceptable means of transportation. When any Product is returned for examination and inspection, or for any other reason, Customer will be responsible for all damage resulting from improper packing or handling and for loss in transit, notwithstanding any defect or nonconformity in the Product. In all cases faytech has sole responsibility for determining the cause and nature of failure, and faytech's determination with regard thereto shall be final. If it is found that faytech's Product has been returned without cause and is still serviceable, Customer will be notified and the Product returned at Customer's expense. In addition, a charge for testing and examination may, in faytech's sole discretion, be made on Products so returned.

SELLER'S LIABILITY FOR DAMAGES SHALL NOT EXCEED THE PAYMENT, IF ANY, RECEIVED BY SELLER FOR THE UNIT OF PRODUCT OR SERVICE FURNISHED OR TO BE FURNISHED AS THE CASE MAY BE WHICH IS THE SUBJECT OF CLAIM OR DISPUTE. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. LIABILITY TO THIRD PARTIES, FOR BODILY INJURY INCLUDING DEATH, RESULTING FROM SELLER'S PERFORMANCE

support or sustain life and whose failure to perform when properly used in accordance with instructions for use provided in the labeling can be reasonably expected to result in a significant injury to the user. A “Critical Component” is any component in a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system or to affect its safety or effectiveness.

If your device does have a defect within the warranty period, please contact faytech directly. The warranty period is 24 months from the date of purchase under the following conditions:

- All warranties are void if the unit has been opened or disassembled without faytech's prior approval.
- Damage 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 are not covered by the warranty.
- For warranty claim, we reserve the right to replace the defective components or to exchange the device.
- Exchanged components or devices become the property of faytech.
- Claims for damages are excluded in so far as they are not based on intent or gross negligence of the manufacturer.
- 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).

To the buyer of this product:

Thank you for purchasing our faytech touch-screen PC. You have purchased a small and powerful desktop system that is suitable for use in harsh work environments. It is distinguished from standard PC systems through silent operation and an increased stability, especially through the robust aluminum housing and by the lack of moving part.

Not to mention the high quality and attractive design (the housing is made out of refined aluminum) the faytech touch-screen PCs are made for the use in industry, in machine control, in the Home automation, in the digital signage field, and many other application fields.

To avoid mistakes and for the optimal use of the touch-screen computers, please read this manual in detail before first use.

Electrical Safety Tips:

The device should only be opened by technical service personnel. Improper opening can result in loss of warranty. Please separate the touch PC from the power supply before opening.

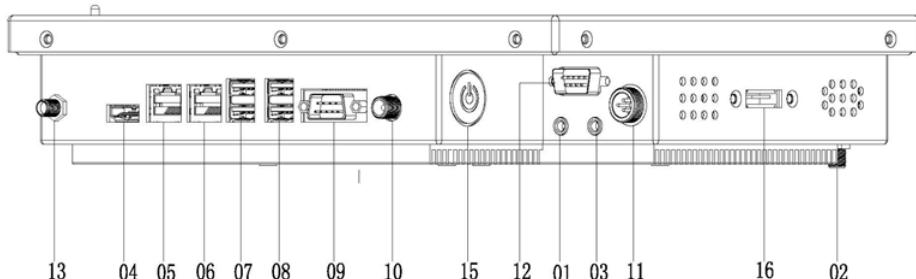
Operating Safety:

- Please check before first use if all the external adapter and cables are properly connected.
- The PC must not have in any case loose objects, especially any exposed, conductive objects. Otherwise there is the risk of a short circuit and the permanent damage to the touch PC.
- Dust, moisture and temperature jumps drastically shorten the life of the touch screen PC. Please avoid, if possible, these external negative factors.
- Although the touch PC is provided with an anti-vibration mechanism please do not drop the PC and try to avoid strong and jarring movements.
- Please clean your faytech touch PC not with chemical supplies but use a dry cloth for cleaning.

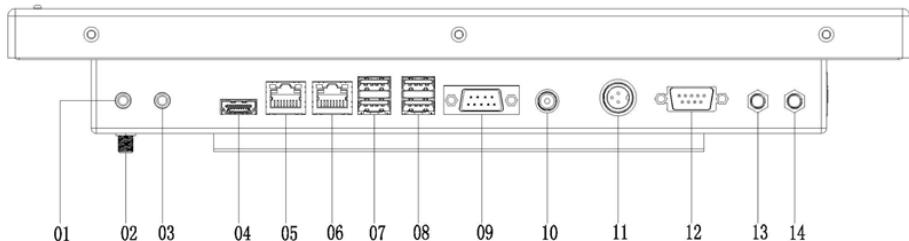
Ongoing changes:

faytech produces its displays in China with German know-how and quality management. Your feedback is the most valuable information for the improvement of our products. Continuous production and product improvement is our primary goal. For this reason, there may be improvements in our products which are not yet included in this user's guide. Differences between your product and this user's guide are generally related to specification changes and product improvements. If you have any questions or suggestions, please contact our support team or visit our website at www.faytech.com

Delivery and accessories 10" Touch PC

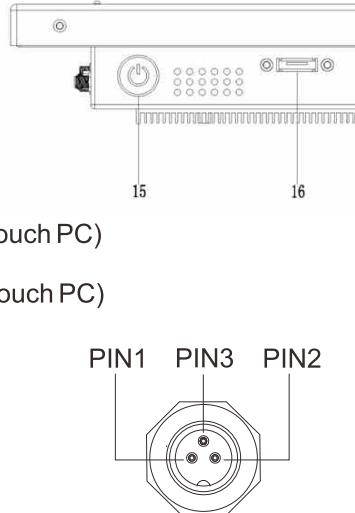


Delivery and accessories 12.1"-19" Touch PC



- 01 Mic-In
- 02 Screwable W-Lan Connector (not featured in 8" Touch PC)
- 03 Ear-Out
- 04 HDMI Connector
- 05 10/100/1000MBit network interface
- 06 10/100/1000MBit network interface
- 07 2x USB2.0
- 08 2x USB2.0
- 09 COM1, RS232/RS485 switchable in BIOS
- 10 Power Connector
- 11 Screwable Power Connector (not featured in 8" Touch PC)
- 12 Rs232 (not featured in 8" Touch PC)
- 13-14 Screwable W-Lan Connector (not featured in 8" Touch PC)
- 15 Power Button
- 16 E-SATA Connector

Additional included in delivery 100-240V switching power supply, Touch pen, manual and driver CD for Windows, Linux and Mac OS.



Initial Set-up Information

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

On the bundled driver CD are Windows and Linux drivers for our faytech Touch PCs included. Feel free to check www.faytech.com to see whether there are updated drivers.

If you purchased the system with a SSD, a current Ubuntu image is already installed with which you can become familiar with the hardware and the use of the touch-panel. The image is also available under www.faytech.com

The touch software manual is also downloadable on our website.

To start, connect your faytech-touch PC simply with the in delivery included AC adapter or use an equivalent 12V DC power source with at least 5A DC. To start the system, press the On / Off button.

If you have bought a faytech touch PC without hard disk, please follow the following instructions.

- The installation of an external Device is really simple. Just open the SSD Shelf to insert a fitting 2.5" SSD/harddisk with 9m in height.
- Additional screwable DC-connector: The touch PC-series has an additional screwable power connector. The PIN assignments are: PIN1: +12V DC PIN 2: GND PIN 3: not used Please take care of the right polarity, otherwise your PC is irrevocably destroyed. Please see paragraph "Components".

BIOS-settings

In the following, the most important BIOS settings are explained. Please note that the BIOS is a special BIOS for PC's with built-in display solutions.

Accordingly, it can occur after adjustments to the BIOS that you see no image on your monitor. For this reason, only experienced users should make changes to the BIOS. If the system is wrongly adjusted, proceed as described in the following: press (even if you see no image) on a connected keyboard the Delete key until you are sure you are in the BIOS. Then press F5 Enter F10 Enter. The system will reboot and you should have on internal monitor again a picture.

The major graphic settings to use the touch PCs internal built in monitor:

Advanced -> North Bridge LVDS Config Select

- LVDS Panel Config Select: Physical resolution of the panel(Please see specification on page17)
- EDID Panel Option = [Enabled]

Pre-installation Linux-Software (Optional)

When an actual Ubuntu has been preinstalled in the Touch-PC with SSD the User Name is “user” and the password is “user123”.

If you want to change the password, please open a terminal. Type “sudo su”, then press “Enter”. The password is “user123”. Please chose “passwd user” and give your new password.

Optional features

Since the faytech Touch PC series is widely used in industry applications, we offer a number of extensions that you can order from our distribution partners. See a selection below:

- Solid VESA-100 Stand, Housing adaptations, integration of e.g. Card readers, scanners, printers
- Expansion of the possible operating voltage to 8 - 36V DC
- Internal use of the Mini-PCI-E slot, the COM and USB ports for additional devices such as GPS, GPRS, UMTS
- IP protection classes, other touch technologies
- Buttons and ports in the front

In project business, further adjustments are possible to meet your requirements.

Troubleshooting

1.No picture

- First, check whether the power supply is properly connected and working (green LED on the power supply).
- when you install new video card drivers, the BIOS is under certain circumstances adjusted and there is no boot screen to see. Wait a minute or two until Windows is loaded.
- connect an external keyboard via USB and check whether the Num Lock LED illuminates (press Num Lock on the keyboard). When it lights, there is usually only a misaligned BIOS. Turn off the PC, reboot and then press DELETE so often until you are sure that you are in the BIOS. Set the graphics options in the BIOS following the Chapter BIOS settings.
- leads none of the above suggestions to success, please contact our direct manufacturer service under the below shown contact information.

2.Touch function is not exact

please download from our website www.faytech.com the actual manual for the use of the touch-function. Please do a recalibration to improve the exactness of the touch panel.

faytech touch PC specification

PC-specification

CPU	Intel® Atom™ processor N2600 (optional N2800)
Front Side Bus	800/1066MHz
Chipsets	North/South Bridge: Intel® Nm10
Memory	Support 1x2GByte DDR3 SODimm
BIOS	64Mb Flash ROM, UEFI AMI BIOS, PnP, DMI 2.0, Wfm 2.0, SM BIOS, ACPI 3.06
Graphic	AMD HD7410M with 512M memory
Audio	Realtek 887 8channel high definition audio codec, Audio Amplifier EUA 2012A
Network	2 x Realtek PCIe Gb LAN 8111F
External Connectors	1x HDMI port 4x USB 2.0, 2x COM port (1x RS232/485; 5V/12V; 1x internal connected) 2x10/100/1000Mbit RJ45 PortsAudio-In/Audio-out 2x W-LAN-Antenna connectorsPower On/Off 2x 12V DC-In (1x screwable) 1x eSATA-port 1 x VGA pin header 1 x 12V DC power connector (2-pin) 2x S-ATA 300MB/s ports, 1x SSD connected, 1x eSATA 1 x 4-pin SATA power connector 1 x PS/2 keyboard/mouse connector (6-pin) 1 x USB 2.0 header supports additional 2 USB 2.0 ports (1x used for touch functionality) 3 x RS232 COM connectors (1 external connected) 1 x LVDS connector (used for panel) 1 x 5-pin LCD power connector (used for panel) 1 x 4-pin (2x2W) audio amplifier connector 1 x Line-Out / Mic-In audio pin header (AAFP, external connected) 1 x S/PDIF output pin header 1 x 8-bit Digital I/O interface (4-in /4-out) 1 x Chassis Fan connector
Internal I/O Connectors	12V DC-In 0° to +60° WinXP, Win7, Win8; Linux; 32Bit/64Bit
Input voltage	12V DC-In
Operating temperature	0° to +60°
Driver	WinXP, Win7, Win8; Linux; 32Bit/64Bit

Monitor and Touch-Panel-Spezification

Touch-panel:	5-wire resistive					
Touch-connector:	USB					
Touch-panel-driver:	Windows, Linux, Mac					
Touch life (contacts):	> 35 000 000					
Response time touch-panel (ms):	< 10					
Surface hardness:	3H					
Input force (g):	20 ~ 150					
Mounting:	VESA-100 holes					
	8"PC	10"PC	12.1"PC	15"PC	17"PC	19"PC
Aspect ratio:	4:3	4:3	16:10	4:3	4:3	16:10
Brightness (cd/m ²):	250	250	250	250	250	300
Contrast:	500:1	600:1	500:1	500:1	800:1	1000:1
Visual Angle horizontal, vertical (°):	140;120	150;130	80;40	160;160	160;160	170;160
Physical resolution	800x600	1024x768	1080x800	1024x768	1280x1024	1440x900

Kontaktdaten, RMA-Bearbeitung

Support-Nummer: +49 211 9954 8956
Support-E-Mail: support@faytech.de
Hersteller-Internetseite: www.faytech.com

Europäisches Support- und Versandlager:

faytech Service
Hans-Böckler Str. 10a
37079 Göttingen

RMA-Bearbeitung

Wenden Sie sich bei einem mutmaßlichen Defekt bitte immer zunächst an uns. Unsere ausgebildeten Fachkräfte helfen Ihnen gerne weiter. Liegt tatsächlich ein Defekt vor erhalten Sie über support@faytech.de eine RMA-Nr. (Return Merchandise Authorization). Senden Sie das defekte Teil mit deutscher Anbringung der RMA-Nr. an obige Adresse ein. Zubehörteile wie Kabel, Adapter oder Netzteile tauschen wir in der Regel unkompliziert vorab aus.

Bitte senden Sie die Ware immer frei an uns. Unfreie Ware (Kosten zahlt der Empfänger) nehmen wir nicht an. In den ersten 30 Tagen nach Erstkauf übernehmen wir sämtliche Transportkosten für Sie. Dafür senden wir Ihnen per E-Mail mit der RMA-Nr. einen Rücksendeschein zu. In der restlichen Garantiezeit tragen wir die Rücksendegebühren.

Contact, RMA service (in English):

Support-Number: +1 720 251 4158
Support-E-Mail: support@faytech.com
Home page: www.faytech.com

U.S.A. Warehouse:
faytech Display Support
121 Varick Street, 3rd floor, New York, NY 10013

RMA-service:

If you think your faytech product has a defect please always contact us directly. Our trained after sales service specialists can help you resolve your problems. Please check the manual and our frequently asked questions before contacting us – you will usually find an answer to your question.

If there is a defect you can request an RMA number (Return Merchandise Authorization) at support@faytech.de or via fax at +86 755 895 80613 (Chinese fax-number). Please attach in the contact e-mail/fax your invoice and what problems you are experiencing. In reply, you will receive an e-mail/fax with your RMA number and additional information.

For accessories like cables, adaptors or power supplies which are not working, we can usually send you a replacement before receiving the damaged goods. For a defective product, we try to check and solve the problem within 3 days after receipt.

Make sure that shipping has been paid before sending goods back to us. We do not accept postage due packages at our service centers. Anything received with postage due will be returned to you without any testing or resolution. Within the first 30 days after you buy a new faytech product, we will refund your shipping costs for returned products. For the rest of the warranty period, we will pay the shipping costs for any repaired or replaced items that we ship back to you.

Firmeninformation/ Company Information:

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