

DORLAND®

Industrial Intrinsically Safe Tablet PC/Pad Quick User Manual



Ex Tablet10

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Summary

Dear user, thank you for using the products of Beijing Dorland System Control Technology Co., Ltd; In order to let you get familiar with the product more quickly, please refer to the user manual if you encounter problems during use. This document mainly introduces the body interface and system instructions of the Ex Tablet10 tablet computer, so that users can quickly understand how to use the product through picture instructions. When you encounter problems that cannot be solved in the process of use, please contact the technical personnel of Beijing Dorland to deal with them. Thank you for your trust.

Items in the box

Please confirm whether your laptop box contains the following items:

- ◆ Ex Tablet10 tablet
- ◆ Charger
- ◆ Quick operation manual
- ◆ Explosion proof certificate

Safety instructions

Ordinary tablet can not meet the explosion-proof requirements in dangerous places, so they are not allowed to be used in dangerous places that may cause explosion. The areas that may cause explosion include: fuel area (such as under the deck of a ship, transportation and storage facilities for fuel or chemical products), places with chemical substances or particles (such as particles, dust or metal powder) in the air, such as gas stations, oil depots, etc. The Industrial Intrinsically Safe tablet PC/PAD Ex Tablet10 produced by Beijing Dorland has been certified by the national explosion-proof certification authority, and meets the requirements of GB3836.1-2010 explosive environment Part 1: General requirements for equipment, GB3836.4-2010 explosive environment Part 4: equipment protected by intrinsically safe "i" and GB12476.1-2013 electrical equipment for combustible dust environment Part 1: General requirements and GB12476.4-2010 / IEC61241-11: 2005 electrical equipment for combustible dust environment Part 4: intrinsic safety "iD" standard requirements. It is suitable for zone 1, zone 2, zone 21 and zone 22 of explosion hazard

field.

1.1 Basic parameters

Explosion-proof grade: Ex ic IIB T5 Gc

Certification No.: CCRI 20.2620

Protection grade: IP65

1.2 Warning for safe use

Only by strictly following the instructions in this section can the safety performance of Ex Tablet10, an intrinsically safe industrial explosion-proof tablet PC, be guaranteed. Be sure to carefully read the instructions in this section before use. In case of any doubt or incomprehension, please consult the manufacturer immediately.

Please turn off the product near the electronic equipment with high-precision control, otherwise it may cause electronic equipment failure.

Equipment that may be affected by this product include hearing aids, pacemakers, fire alarms, automatic doors and other automatic control equipment. Users of electronic medical aids shall confirm the impact of radio waves on the

equipment with the service center of the equipment.

The pacemaker manufacturer recommends that the distance between the product and the pacemaker should be at least 15cm to avoid potential interference of the product to the pacemaker. When carrying the product, it should not be put in the chest bag; The ear on the side different from the one wearing the pacemaker should be used to answer the phone to reduce the potential factors causing interference.

Please do not bring this product to the operating room, ICU or CCU.

In medical places where the use of this product is prohibited, please follow the instructions and regulations of the place.

Please pay attention to the settings of the ringing tone, volume and vibration of the product, so as not to affect patients with heart disease.

In flammable and explosive areas, do not take out, install or charge the battery to avoid explosion or fire.

1.3 Rules for safe use

The safe use of the intrinsically safe industrial explosion-proof tablet Ex Tablet10 is based on the user's compliance with the following rules.

- 1) The battery of this product is specially produced by the manufacturer. Only the original battery meets the intrinsic safety requirements. Any other non original battery will lead to failure of explosion-proof performance. Therefore, please be sure to use the original battery. If you need to replace the battery, please contact Beijing Delan. The battery is Ex Battery 047 860 + 5000 mAh explosion -proof polymer battery.
- 2) The battery must be charged in a safe area. The original charger must be used. The maximum charging voltage is 8.4V.
- 3) It is strictly forbidden to replace the battery in the explosion hazardous area.
- 4) This product cannot be used in Zone 0 of explosion hazardous areas.
- 5) It is strictly prohibited to use earphones, data cables and other plug-in devices in explosive hazardous areas.

- 6) It is strictly prohibited to use the vibration function in explosive hazardous areas.
- 7) Keep away from hot areas when using this product.

1.4 Failure and damage handling

The computer may lose its intrinsic safety performance due to any factor. Please stop using it in dangerous places. It is recommended to send the computer back to the manufacturer for inspection. The following conditions may cause failure of explosion-proof performance of the computer:

- 1) The housing is damaged
- 2) Store in places that do not meet the storage conditions
- 3) Damage during transportation
- 4) The explosion-proof sign cannot be identified
- 5) Other functions fail

1.5 Precautions

- a) Please keep the product away from the magnetic equipment. The radiation of the product may erase the information stored on the magnetic equipment.

- b) Please do not place this product, battery and charger in the appliance with strong electromagnetic field, such as electromagnetic cooker and microwave oven, otherwise it may cause circuit failure, fire or explosion.
- c) Please do not place this product, battery and charger in high temperature area and low temperature area, otherwise it may cause failure, fire or explosion of this product, battery and charger.
- d) When charging the battery, try to keep the ambient temperature of the battery between - 10 °C and 60 °C. The ambient temperature for battery storage shall be kept between - 30 °C and 70 °C. If the battery is placed in an overheated or supercooled area, the capacity and service life of the battery may be reduced. When the temperature is lower than 0 °C, the performance of the battery is particularly limited.
- e) When the product touches the ear, do not turn on or off the machine to avoid affecting human health.
- f) To comply with RF leakage regulations, when you wear this product or use its data function, please keep the distance between the antenna and your body at least 1

inch (2.5cm). The signal interference of this product may affect the adjacent TV, radio or computer.

- g) Please comply with the international regulations on RF radiation and use the product accessories designated by our company.
- h) When using this product, please abide by relevant laws and regulations, and respect the privacy and legal rights of others.
- i) Before cleaning and maintenance, please shut down the machine. If the charger is still connected at this time, you need to unplug the charger from the power socket and disconnect the charger from the product to avoid electric shock, battery or charger short circuit.
- j) Do not disassemble this product without authorization. Only authorized organizations can repair this product.

Monstrans de droit

- a) It is strictly forbidden to copy, transfer, distribute and store any content in this User Manual in any form without the prior written permission of the Company;
- b) Based on the principle of continuous improvement and

- development, the Company reserves the right to modify any product described in this manual without prior notice;
- c) Under no circumstances will the Company be liable for any loss of data or other aspects, or any direct or indirect damage caused by any special event or accident;
- d) The contents of this manual are provided as is. Unless otherwise specified by applicable laws, no warranty of any kind, express or implied, is made for its accuracy, reliability or content, including but not limited to the warranty of merchantability and practicality for specific purposes. The company reserves the right to revise or withdraw this manual at any time without prior notice;
- e) The pictures quoted in this manual may be different from the actual pictures. Please refer to the actual pictures.

1. Six views of product appearance





2. External interface of product

1. Front camera - 2 million cameras can take pictures and video;
2. F key - 1D/2D scanning key (can be defined);
3. Windows HOM key - used to open Windows shortcut;
4. Volume up+button - used to adjust the price and increase the volume;
5. Volume - key - used to adjust and reduce the volume;
6. Power key - used for sleeping wake-up device and switching device;
7. USB 3.0 interface - standard USB 2.0 interface, reading data through USB;
8. Type C interface - standard interface, reading data through Type C interface;
9. Interface lock - interface plug buckle;
10. HDMI interface - High Definition Multimedia Interface;
11. Audio interface - headset can be used, and the audio signal can be output to the amplifier or headset;
12. Power interface - charge your tablet through the DC interface;
13. Podo pin - this interface matches with the positioning

hole to align and firmly connect the tablet and the base;

14. Battery - supply power to the panel;
15. Rear camera - 8 million cameras can take pictures and video;
16. Expansion module slot - one out of five interfaces including network port, serial port, 1D, 2D and USB2.0;
17. Heat dissipation fan - heats the flat panel;
18. Fingerprint module - input fingerprint parameters.

3. Device initialization setting

3.1 Language selection

Different languages are used according to different international users. When you first encounter the language setting page after booting up, users can customize the language according to their needs (the system generally defaults to English and Chinese, and the required language can be customized).

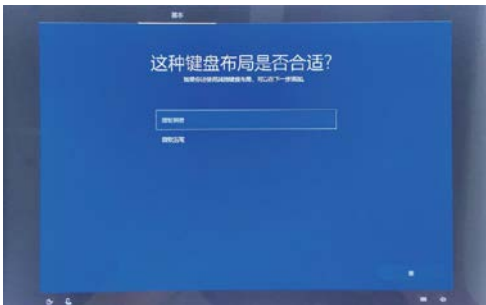


Select the usage area according to the selected language.



3.2 Input method selection setting

Choose Pinyin input method or Wubi input method according to personal usage habits, click "Yes" to go to the next step.



If a single input cannot be satisfied, another one can be added here or skipped.



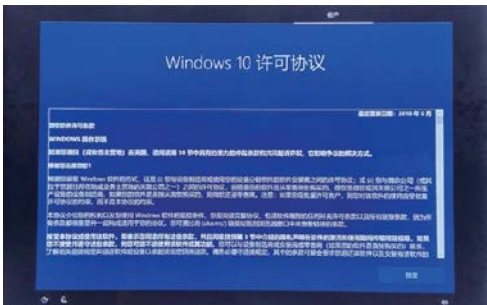
3.3 Network settings

Select the network you want to connect to, click, enter the password and connect (it is recommended not to directly skip connecting to the network, otherwise it may take too long because the system checks for updates).



3.4 User License Agreement

This is the license agreement of Microsoft Software License Terms. Click Accept to proceed to the next step.



3.5 User name and password settings

A. Enter the next step after setting the administrator account name.



B. Set your account password. After clicking Next, the device will restart. Please do not do other operations during device startup (skip without setting).

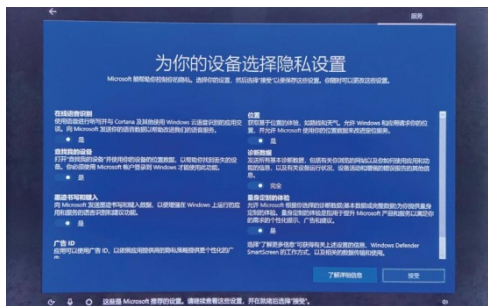


3.6 Personalization

A. Whether Microsoft "Xiao Na" is set as personal assistant.



B. Personal privacy settings. The following options can be turned on or off according to personal habits.



3.7 Setting completion

Wait for the system to enter the desktop. Do not turn off the computer during this time.



4. Desktop Layout 21

4.1 Windows10 Start Screen

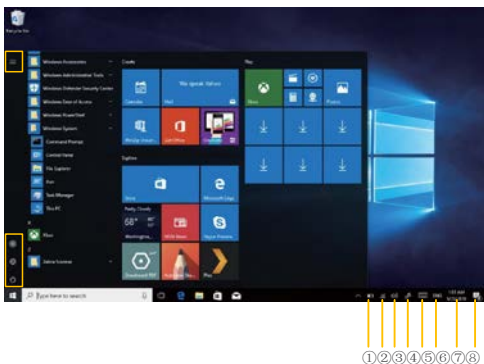


- ① Start icon - it can quickly start the installed application
- ② Search box - enter key characters to search and open web pages or applications.
- ③ Task view - when multiple tasks are opened, this icon can be used to quickly switch applications.
- ④ IE browser - used to browse search information.
- ⑤ File Explorer - used to quickly view recently used files and manage files.
- ⑥ App store - used to download and install apps.

⑦ Email - used to log in to the email account for email receiving and sending.

4.2 Charm Menu Bar

In PC mode, press the Start button to open the Charm menu bar, including Start, Device, Settings, and Shared Search.



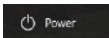
① Battery status icon - used to view the battery charging and discharging status and battery power.

② WiFi network - used to view the network connection status of management devices.

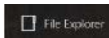
③ Volume icon - used to control audio and increase or decrease volume.

- ④ Stylus - Settings can be written with a stylus.
- ⑤ Keyboard - Click to use an analog keyboard.
- ⑥ Language - Different languages can be selected.
- ⑦ Time and date - you can view the calendar and current time.
- ⑧ Information notification bar - used to view the display of system notification information.

It usually includes file browsing, setting, power key and APP.



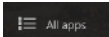
Hibernate, shut down, and restart the tablet.



Search files and applications.



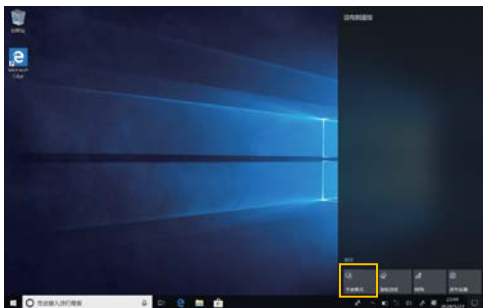
Set up the tablet.



To browse more APPs.

4.3 Introduction to APP interface

Click "Operation Center" - "Tablet Mode" as shown in the figure below, and you can see many programs fixed on the screen. These applications are displayed in the form of "magnets", which can be accessed by clicking once. Before the application is fully running, you need to log in to the "Microsoft" account.





① Expand

④ Users

② Fixed Tiles

⑤ Settings

③ All apps

⑥ Power supply

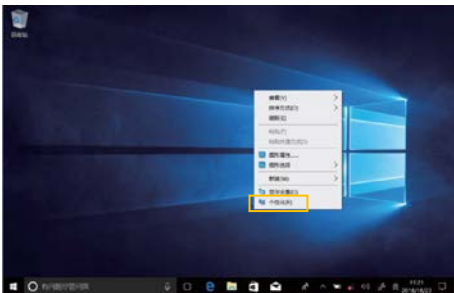
Add "Tile" file: all apps used - select the app icon, right-click - select Pin to Start screen - return to the pinned tile view app.

Delete "Tile" files: fixed tiles - right-click and select Unpin from Start screen.

5. System Settings

5.1 Desktop display application icon

A. Right click the blank area of the desktop, and select Personalization here in the interface, as shown in the figure below.



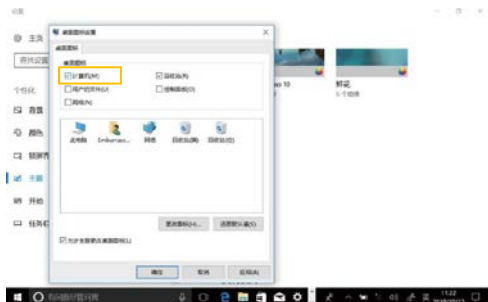
B. In the personalized window, click the "Theme" option here on the left.



C. In the related settings, select the desktop icon settings here, and click Open as shown in the figure.



D. In the desktop icon window, tick the computer icon and click OK.



1. Right click or long press the start icon to open the advanced startup interface, from which you can directly open the corresponding functions. The white lines in the above figure are selected from top to bottom
2. Applications and functions - can manage installed applications and drivers; Delete operations such as unloading drivers and applications.
3. Mobile center - can adjust screen brightness, volume, check battery power, set screen direction, etc.
4. Power option - set power sleep strategy, screen brightness, network management and other power settings.
5. Event Viewer - View Windows system logs, application and service logs, etc.
6. System - View system and hardware configuration information.
7. Device Manager - Manage device drivers, disable and enable devices, and install unknown device drivers.
8. Network connection - Quickly start the network settings.
On this page, you can set the mobile phone network, WiFi and Ethernet.

9. Disk management - local and external disk management, partition formatting and other operations.
10. Computer management - open computer system tools, storage, services, etc.
11. WindowsPowerShell - CMD command running window.
12. WindowsPowerShell (administrator) - CMD administrator command run window.
13. Task manager - it can forcibly shut down the background running programs and services of the system and check the running status of the computer.
14. Setting - Open the system setting interface.
15. Search - Search web sites or applications.
16. Operation - CMD operation window.
17. Shut down or log off - Shut down the computer or restart and log off the user.

5.4 System Settings



1. System settings - display settings, notifications and operations, power and sleep, battery management, storage, tablet mode, multitasking, projection to this computer, sharing experience, remote desktop (not supported by Windows HOME version), about the system and other settings can be made.
2. Device - Bluetooth settings, printer and scanner, mouse, input, stylus, auto play, USB, etc. can be set.
3. Mobile phone - you can connect your mobile phone and computer after logging in to your Microsoft account on this interface.

4. Network and Internet - In this interface, you can view the network status, WiFi settings, mobile network settings, broadband dialing, VPN settings, flight mode, mobile hotspot, data usage, proxy and other settings.
5. Personalization - background setting, color, lock screen, theme setting, (start menu bar setting, task bar) can be set in this interface only after the system is activated.
6. Applications - applications and functions (you can install, modify or uninstall applications), default applications (you can add default startup applications), Microsoft offline maps, applications for opening websites, video playback and other settings.
7. Account - you can view account information or add new users, add email and application accounts, login options and other setting options.
8. Time and language - In this interface, you can set the time and date (when the device is connected to the Internet, the automatic setting can be turned on to synchronize with the network), region and language (where you can set the use region or add language packs in other languages), and voice settings.

9. Games - Hotkeys can be set on this interface to quickly start an option, broadcast, game mode, etc.
10. Easy to use - narrator, magnifying glass, color and high contrast, closed caption, keyboard, mouse, etc. can be set.
11. Cortana - General setting options of Microsoft Assistant.
12. Privacy - Users' personal privacy settings can be set in this interface, including camera, location, account information, contacts, etc.
13. Update and security - This interface can detect Windows updates, firewalls and virus databases, backup systems, troubleshooting, system recovery, activation, finding my devices, developer options, and Windows preview experience.

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