

Sahara

SLATE PC®

Top Side



Left Side



Right Side



Quick Start Guide

Sahara Slate PC® i500 Tablet PC

Left Side

- 1. Carry Strap Attachment
- 2. DisplayPort++
- 3. Ethernet Port (RJ45)
- 4. Firewire 400 (6-pin)
- 5-6. USB 2.0
- 7. eSATA+USB 2.0
- 8. Headphone Jack
- 9. Audio In Jack
- 10. Stylus Pen Holder
- 11. SAS Button
- 12. Screen Rotation Buttons
- 13-14. Volume or Brightness Control Buttons (user assignable in BIOS)

Top Side

- 15. DC In (Power In)
- 16. HDD Access LED
- 17. Battery Status LEDs
- 18. Power Switch
- 19. Bluetooth Switch
- 20. WiFi Switch
- 21. Modular Expansion Port with cover

Front

- 22. Speaker
- 23. Microphone Array
- 24. Fingerprint Reader

Right Side

- 1. Carry Strap Attachment
- 25. Kensington Lock Port
- 26. Battery 1
- 27. Touch Screen ON/OFF button
- 28-30. Programmable Buttons
- 31. Battery 2



Congratulations on your purchase of a TabletKiosk **Sahara Slate PC® i500** Tablet PC. This guide is aimed at getting you up and running with your new Tablet PC as quickly as possible.

For more information regarding setting up and using your Sahara Slate PC i500, please consult the digital User's Guide located on your desktop or visit our website at www.tabletkiosk.com.

What's in the Box

Your Sahara Slate PC should come securely packaged in its shipping container along with the items listed below. Contact your dealer immediately if you find that anything is missing or damaged. *Note, however, that contents may be changed without notice.*

1. AC Adapter with Power Cord
2. Ultrafiber Cleaning Cloth
3. Neoprene Slip Case
4. Simple Stand
5. Windows Getting Started Guide (not included if Linux was pre-installed)
6. This Quick Start Guide
7. Standard Lithium-Ion Battery Pack(s)
8. Stylus Pen (may not be included with capacitive touch only configurations)

Setting Up Your Sahara Slate PC

The following steps will help you power up and get running with your new Sahara Slate PC i500 Tablet PC as quickly and effortlessly as possible. These steps might change slightly over time with newer revisions of the installed operating system, or when your tablet is purchased from a systems integrator or solutions provider.

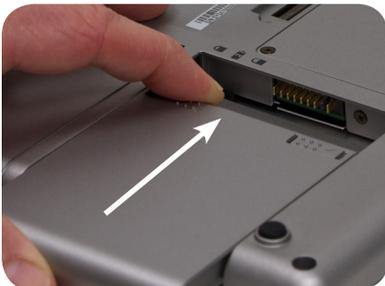
Step 1: Insert the Battery Pack(s)

Turn the tablet over and place it, screen down on a solid, clean, flat surface.

 **CAUTION:** When turning over the Sahara Slate PC, be careful not to place it on a surface that could scratch or damage the LCD screen. You can place the included slip case on the surface before carefully setting the computer down to protect the screen.

Align the battery into the battery compartment and then slide it into the computer until it clicks securely into place. While it does not matter which battery (one or two) that you install first, if you are only going to install one battery, it should be installed into battery bay one (1).

Slide the battery-locking tab to the locked (🔒) position. Once the locking tab clicks into position, the battery should be securely seated. Repeat for the second battery if applicable.



Align the battery in the bay and slide it into place. You will hear a click when the battery is properly seated.



Slide the locking tab on the battery to the locked position to keep the battery secured in the bay.

Step 2: Connect the Sahara Slate PC to an External Power Source

Locate the AC adapter and the power cord. Plug the power cord securely into the AC adapter. Plug the AC adapter's connection cable into the "DC In" port on the top side of the Sahara Slate PC. Once the adapter plug is securely in place, plug the power cord into an external power socket.



Plug the power cord into the DC In jack on the top of the tablet.



Plug the power cord into the AC adapter brick and then into a wall outlet.



IMPORTANT: You should allow the battery pack(s) to charge fully before disconnecting the Sahara Slate PC and running it on battery power for the first time.



NOTE: When you first connect the Sahara Slate PC into an external power source, the battery charge indicator(s) will begin to glow orange. When the battery is fully charged the indicator(s) will turn green. See the section later in this guide and in the User's Guide entitled *Battery Care* for tips on maximizing battery life and performance.

Step 3: Connect Applicable Peripherals and Networking Cables

If you would like to use any external peripherals with the tablet (i.e. USB mouse, USB keyboard, etc.), or are planning to connect to the Internet and/or a corporate LAN using a wired connection (RJ45), as opposed to wirelessly, connect them now.

Step 4: Power on the Sahara Slate PC

Locate the three power switches on the top of the tablet. The  switch is the computer's main power toggle. Slide and hold it until it emits a blue glow (about 3 seconds) and then release it. The Sahara Slate PC will now boot up.



Locate the system Power switch on the top of the tablet.



Slide and hold it for about two - three seconds until it glows blue and the system powers up.

Step 5: Complete the Operating System Installation

When your system powers on for the first time, you may be prompted to enter your Windows product key to complete set-up. The key can be found on the C.O.A. sticker located on the back of the system underneath the battery pack in battery bay one (). You will then be asked to agree to Microsoft's licensing terms.

Windows will start its configuration and optimization routine and may restart. This is normal. Windows will then have a few questions for you to answer in order to localize and finish your installation. Refer to your operating system's manual for information on any of the questions you are unsure how to answer. When done, your system will complete the first time set-up and you will be taken to the Windows desktop.

Step 6: Navigating the Operating System's GUI on a Tablet PC

Unlike a standard laptop or desktop PC, navigating the operating system's graphical user interface (GUI) on a Tablet PC is performed using a stylus pen or your fingers.

Touch Screen: Navigating with a touch screen is different from navigating with a mouse. You may use either a stylus pen or your fingers. If using a stylus, hold it as if you were writing with a standard ink pen. Instead of sliding the stylus or your fingers around the screen to move the pointer (as you would with a mouse or track pad), simply tap on what you want to interact with. Sliding the stylus or your finger while touching the screen will move the on-screen pointer around as if you were using a mouse and holding down the left mouse button. In other words, you would be performing a drag operation. Also, remember that since the screen is sensitive to the touch, resting your hand on it while working might make the pointer react unpredictably.

Active Digitizer (pen): When using a digitizer, you may only navigate using the pen. On a dual mode Sahara Slate PC i500 Tablet PC, the screen will intelligently sense the tip of the stylus pen when it draws near and automatically switch on the digitizer. Now the pen's tip doesn't even need to touch the screen to activate and move the pointer.

Hold the stylus pen as you would a standard ink pen. Simply place the tip of the stylus just above the screen and move it around. The pointer should follow it as if you were using a mouse. In this mode your hand may rest on the screen, since this will not affect the behavior of the pointer. Like a touch screen, when you want to select or interact with an object, simply tap on it. Keep the stylus tip on the screen while moving it around in order to perform a drag operation.



TIP: When trying to select or activate something on the screen with the stylus pen, pay attention to the position of the pointer icon on the screen instead of the tip of the pen. By default, the pointer is diamond shaped in Windows 7 when using a touch screen or digitizer unless you plug-in and use a mouse, then it will switch to the standard arrow pointer.

Whether using either a touch screen or an active digitizer, tapping lightly on the screen will perform a standard left mouse button click. Tapping twice in rapid succession will perform a double-click. Pressing the tip of the stylus or your finger against the screen without moving it for about a second or so will perform a standard right mouse button click.



NOTE: When pressing and holding to perform a right-click, keep your finger or stylus tip pressed to the screen until you see a circle draw around where you are pressing before you release.

Inputting Data: You can use the **Tablet PC Input Panel** in Windows 7 to enter information via the On-Screen Keyboard or Writing Pad. You'll find the edge of the Tablet PC Input Panel docked on the left-hand side of your screen. When in digitizer mode, hovering the pointer over the panel will cause it to slide outward a bit making it easier to access. Tap on it once to activate the panel and slide it to the center of your desktop. When finished, tap the "close" icon in the upper right corner of the panel to re-dock it.

When using a touch screen, tap once on the input panel's edge to slide it to the center of your desktop. You can also enable the **PC Input Panel Toolbar** on the Windows Taskbar by pressing and holding (right-clicking) on a blank space on the Taskbar and choosing "Toolbars > Tablet PC Input Panel" from the pop-up menu that appears.

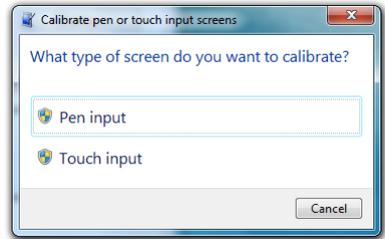
For more information on using the input panels, see the digital User's Guide on your system's desktop (you can also download it from www.tabletkiosk.com) or check out the Tablet PC Tutorials in Windows.

Calibrating the Screen for Improved Accuracy

If you find that the position of the on-screen pointer isn't matching the touch of the stylus or your finger properly, you can calibrate the screen for better accuracy.

Calibrating the Active Digitizer and Capacitive Touch Screen

1. Go to the START menu and tap on "Control Panel" in the right hand column to open the Windows Control Panel.
2. Tap on the "Hardware and Sound" category and locate the "Tablet PC Settings" sub-category and then either tap on it or tap on the "Calibrate the screen for pen or touch input" link.
3. In the "Display" tab, tap on the "Calibrate..." button. If a Window appears asking you which type of screen you to want to calibrate ("Touch Input" for the touch screen, or "Pen Input" for the digitizer) choose the appropriate one to continue to the calibration screen.
4. Follow the on-screen instructions to complete the calibration. The routine for each screen is very similar. Tap in the center of the crosses when they appear on the screen. When you have tapped on the last cross, you will be prompted to save your calibration data. If you are happy with how you tapped on each cross, save the data. If not, choose to cancel and then rerun the calibration routine.



If your Sahara Slate PC i500 has a dual mode screen, you will see this window asking you to choose an input panel to calibrate.

To provide calibration samples, tap the crosshair each time that it appears on the screen.

Right-click anywhere on the screen to return to the last calibration point. Press the Esc button to close the tool. Do not change your screen orientation until you have completed the calibration process.



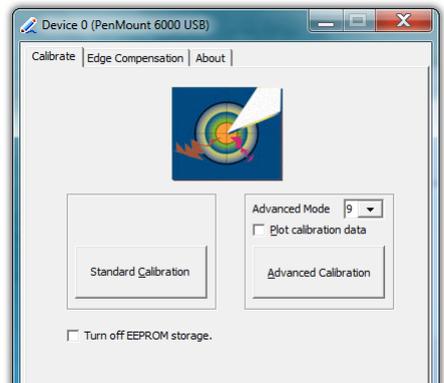
NOTE: If you find that after you calibrate for the first time the screen accuracy is no better or perhaps worse, choose to calibrate again. After the first calibration for each screen, the routine steps down to only using 4-target points for calibration. For whatever reason, the 4-point calibration can produce better feeling calibration data for some users.

If at any point you wish to reset your calibration data and return to the Windows default calibration state, simply tap on the "Reset..." button and choose which screen to reset if asked.

Calibrating the Resistive Touch Screen

The resistive touch screen is calibrated from the PenMount control panel. A short-cut is located on the Windows desktop.

1. Open the PenMount control panel and, in the "Device" tab, tap on the "PenMount 6000 USB" icon and then tap "Configure". Alternatively, just double-tap on the "PenMount 6000 USB" icon.
2. Tap on the "Calibrate" tab and then tap on either the "Standard Calibration" or the "Advanced Calibration" button. Most of the time, a Standard Calibration should be sufficient to perform an accurate calibration. Advanced Calibration allows you to choose how many touch points will appear in the Calibration test.



 **NOTE:** If you find the “Standard Calibration” to be too imprecise, the “Advanced Calibration” mode offers 9, 16 or 25 points for calibrating. We suggest starting at 9 points. For both modes, it is highly recommended that you use the stylus, rather than your finger, to produce the most accurate results.

3. Follow the on-screen instructions by pressing and holding on each red square that appears until you are told to lift to proceed. To quit this routine without saving the data, hit  on your keyboard if you have one connected, or simply wait a few moments without touching the screen and the test will time out.
4. When the calibration is complete, you can test the screen accuracy by either tapping around the screen, or using the “Draw” test in the “Tools” tab in the main window of the PenMount Control Panel.

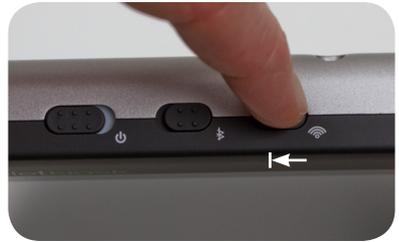


Touch the red square.

Touch each of the red squares that appear on-screen to calibrate the touch screen. Remember to hold your finger or stylus down on the square until it tells you to release.

Connecting to a Wireless Network

1. Turn on the WiFi transmitter using the toggle switch on the top of your tablet.
2. In the Windows 7 System Tray, tap on the “Wireless Networks” icon.
3. From the list that appears, tap to select the network to which you wish to connect and then tap the “Connect” button. If no wireless networks appear after a few moments, tap on the refresh button located on the right side of the dialog box.
4. If the wireless network you are attempting to connect to is security-enabled, you will see a dialog box requesting a network key or password. The key/password (your network administrator should be able to supply this to you) must be entered correctly or you will not be able to successfully connect to the network.



Tap on the wireless networking icon in the System Tray located on the task bar next to the clock.

If you entered the network key correctly, you should now be connected to the wireless network. If it appears you are connected to the network, but have limited or no actual connectivity, it is most likely due to an improperly entered network key. Disconnect from the network by tapping the “Disconnect” button and try to connect again. If you continue to have trouble connecting, contact your network administrator for assistance.

Connecting with a Wireless Bluetooth Device

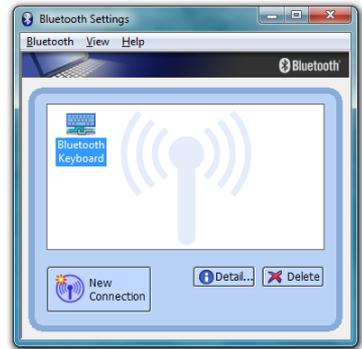
1. Turn on the Bluetooth transmitter using the toggle switch on the top of your tablet.
2. If the Bluetooth Assistant is running, after a few moments the “Add New Connection Wizard” should start automatically (so skip to step 3), otherwise go to “START > All Programs > Bluetooth” and tap on the “Add New Connection” button.



3. Turn on the discovery service on your Bluetooth device.
4. Choose the device from the "Select a device" panel that appears you want to use and tap the "Next >" button.
5. Enter a Bluetooth passkey if prompted. If you are trying to connect to a Bluetooth keyboard, hit "Enter" after typing the passkey.
6. Your device should now be connected. If any device drivers are required to operate your device, if you haven't already, you should load them now. Otherwise your Bluetooth device should now be functional.



NOTE: If you find that your Bluetooth device doesn't seem to connect properly, or doesn't function, after starting up the computer again sometime in the future: open up the "Bluetooth Settings" application (located in "START > All Programs > Bluetooth"), tap on the device you are having problems with to highlight it and then tap on the "X Delete" button to remove it. Then tap on the "New Connection" button to re-setup the device again.



Using the TabletKiosk Modular Expansion System

Your Sahara Slate PC features the TabletKiosk Modular Expansion System. This systems allows for the easy integration of feature modules that enhance the capabilities of your Tablet PC.

Based upon the Universal Serial Bus (USB), the modules are hot swappable, meaning you do not have to power down your system in order to install/remove/exchange a module, and require no additional drivers beyond those that may be required by the device being added to the system (3G WWAN module, etc.).

To add an expansion module:

1. Remove the two Philips head screws holding the Expansion System port cover (CM) on the top/back of the tablet in place.
2. Remove the cover to expose the expansion port.
3. Align the plug of the module you wish to install and slide it into place.
4. Screw the two screws back into place to hold the module securely.
5. After a moment, Windows should detect the module and load the required drivers, if they are natively available within Windows, or prompt you to install the drivers that came with the module.



To remove or swap a module, simply follow the same procedure, except replace the module you are removing with either another module, or the Expansion cover plate.



NOTE: If your module contains, or is attached to, a media card reader, external hard drive or other such removable media device, be sure to eject the device as you would a standard USB attached data storage device before removing it in order to prevent possible data loss/corruption. You can eject the device by going down to the System Tray, tapping on the USB Device icon and the selecting the device from the list you wish to eject.



Remember to screw the module into place to prevent it from coming off while in use. Be sure to store the screws that attached the cover in a safe place so as not to lose them.

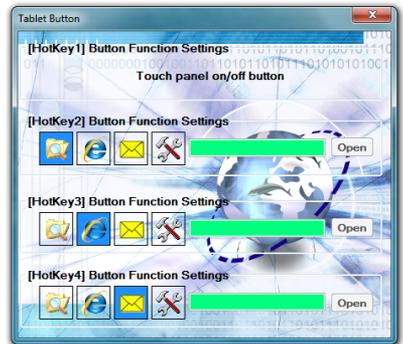
Programming the Function Buttons

Your Sahara Slate PC has a total of eight function buttons located on the sides of the tablet. While the four on the left side are pre-programmed at the factory, three of the four on the right side are programmable by the user. You can use the Tablet Button panel, located in the System Tray, to reprogram those three buttons to activate a different pre-programmed task, or to launch a "Custom" application of your choice.

Simply tap on the icon to launch the Tablet Button applet. [HotKey 1] is the top button on the right side of the tablet, and it is pre-programmed to turn the touch screen on and off. The other three buttons can each be programmed to open the Windows Explorer, open Internet Explorer, or open your default e-mail reader simply by tapping on the respective icon under each button's sub-section. If you would like a button to open another application installed on your tablet (or even a batch or script file), simply tap on the fourth icon (hammer & wrench) and then tap on the "Open" button. A file dialog box appears so you can navigate to your program of choice. Close the applet to enable and save your choices.



Locate the Tablet Button icon in the System Tray to program the function buttons.



Restoring Your System Using the System Recovery Partition

There may be times where you'll encounter errors that may prevent you from booting into Windows normally. Your Sahara Slate PC has a hidden partition on the data storage drive that contains the files you'll need to restore your system.

This recovery system uses Windows Recovery and enables you to restore the operating system to a previous state in time, reinstall the operating system without losing your previous settings or documents, or reinstall your system without saving your documents or settings.

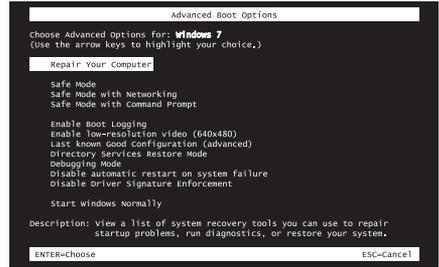


IMPORTANT: You will need to have a mouse and/or keyboard with standard F1-F12 function keys attached to your system in order to launch and navigate both the Advanced Boot Options menu and the Windows Recovery System.

You enter into Windows Recovery through the Advanced Boot Options menu by hitting the [F8] key on your keyboard when your Sahara Slate PC first starts up.

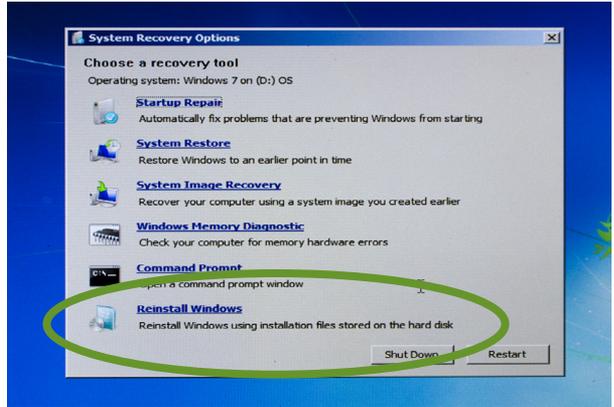
 **NOTE:** The easiest way to enter the Advanced Boot Menu is by repeatedly pressing the [F8] key as soon as you see the TabletKiosk logo screen and not stopping until the Advanced Boot Options menu screen appears.

1. When the Advanced Boot Options menu appears, select “Repair Your Computer” and press [Enter] to launch Windows Recovery.
2. When the recovery system starts, choose your preferred keyboard language.
3. In order to access the recovery options, you will need to login using your current Windows login.



 **NOTE:** Your current account must have administrator privileges in order to successfully login.

4. After successfully logging in, you will be taken to the System Recovery Options menu. Click on the last option “Reinstall Windows” to restore your system using the files in the hidden recovery partition.
5. You will then be given one last chance to cancel by clicking the “No” button when asked if are you sure you want to reinstall Windows. If you are sure, click the “Yes” button and the restore procedure will begin.



After you have finished restoring Windows, your system will reboot and Set-up will configure Windows for first use. When you have returned to the Windows desktop, go to Windows Update and install any Critical updates until your system is current. Finally, reinstall your applications and any documents you backed up before you reinstalled.

Using the Batteries for the First Time

Before using the Tablet PC on battery power for the first time, the batteries should be fully charged.

On the front of the Sahara Slate PC are two battery status indicators just above the TabletKiosk logo. These indicators will track the charging status of the two Lithium-Ion battery packs located on the back of the Tablet PC.

Partially discharged batteries will cause the indicators to glow orange when attached to an external power source. When each battery is fully charged, its corresponding indicator will turn green. Be sure that both indicators have turned green before attempting to run the Sahara Slate PC on battery power for the first time.



The battery indicators will turn green when their corresponding battery is fully charged.

Battery Usage

Running your system plugged in all the time, or conversely, until the batteries are almost totally drained on a regular basis is not recommended as they can damage the battery's ability to hold a charge.

In general, running the system until both battery indicators are blinking, typically this is when the batteries are down to just below 10% charged, and then fully charging the batteries (full discharge/charge cycle) will ensure the accuracy of the battery status gauges and prolong the batteries' charge efficiency.

You do not need to plug in the system when only one of the battery indicators are blinking, as the other battery may have plenty of charge remaining. Generally, waiting until they are both blinking before charging is preferred.

When there is only one minute of battery charge remaining, the computer will suspend its current state to the hard drive and power off (hibernate) to prevent data loss. Plug in the AC adapter and turn the computer back on to resume your work.

Cleaning and Caring for Your System

After sustained usage, you will probably find that your Sahara Slate PC will require cleaning. Never use household cleaning supplies or glass cleaner with ammonia to clean the case or the LCD screen. Additionally, you shouldn't ever spray anything directly on the Tablet PC while it is powered on and running.

A can of compressed air can be used to remove dust and other particulate matter from crevices, vents and I/O ports. Compressed air is also good for cleaning dust from the non-slip surface of the Sahara Slate PCs top case.

Cleaning the LCD screen

Gently wipe the surface using a clean, dry microfiber cloth. Use as little pressure as possible. Using your breath in conjunction with the microfiber cloth, as you would to clean eye glasses, is very effective.

To remove really tough marks and smudges:

1. Spray a small amount of non-abrasive cleanser, water or mixture of water and isopropyl alcohol (70/30 mix) on a microfiber cloth. Make sure the cloth is only damp, not saturated or dripping.



CAUTION: Do not spray or apply any liquids directly onto the Tablet PC. Always apply the solution to your microfiber cloth first, not directly on the parts you are cleaning.

2. Gently wipe the display surface. Use only as much pressure as necessary to remove the smudge. Wipe in small circular motions.

Cleaning Cloth

To clean your display, we recommend using the microfiber cloth that came with your system or a similar double-sided microfiber cloth. They are extremely soft, non-abrasive, and are non-electrostatic which is ideal for cleaning LCD screens and other computer components.

Cleaning Solutions

For tough, greasy marks or smudges, use water, high purity isopropyl alcohol, or a cleaning solution specifically made for cleaning LCD monitors.

Be sure not to use cleaners that contain Acetone, Ethyl Alcohol, Ethyl Acid, Ammonia, or Methyl Chloride.

Storing the System Long-Term

If you don't plan on using your Sahara Slate PC for more than four months, TabletKiosk recommends that you remove the two Lithium-Ion batteries and store them with approximately a 50% charge. If you store a Lithium-Ion battery when it's fully discharged, it could fall into a deeply discharged state which renders it incapable of holding any charge. Conversely, if you store the batteries fully charged for an extended period of time, the battery may experience some loss of charging capacity, meaning it will have a shorter life. Be sure to store your Tablet PC and batteries in a dry, cool location to prevent damage due to extreme temperatures and/or condensation.

Important Safety Instructions

For your own safety and the safety of your equipment, please follow these rules for the handling and care of your Sahara Slate PC. Keep this information and the User's Guide for future reference by you and other users.

Never pour liquids into any opening or directly on the Sahara Slate PC. This could result in fire or electrical shock.

Check that the voltage range of the power outlet is between 100V and 240V before connecting the Sahara Slate PC. Exceeding the maximum rated voltage may cause damage to the AC adapter or to the Sahara Slate PC. This could result in fire or electrical shock.

When the AC adapter is plugged into an electrical outlet, place the power cord so it will not be stepped on or walked on. Do not place objects over or on the power cord.

Use the Sahara Slate PC in a clean, dry, temperature controlled environment. Do not use the Sahara Slate PC in areas of high humidity, around water (for example: near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool) or outdoors while it is raining.

Never open or disassemble the Sahara Slate PC. For safety reasons, and to prevent permanent damage, the equipment should only be repaired by qualified service personnel.

Contact a qualified service center if any of the following issues should arise:

1. AC adapter, power cord or plug is damaged;
2. Liquid has been spilled into the Sahara Slate PC;
3. The Sahara Slate PC has been exposed to excessive moisture;
4. The Sahara Slate PC exhibits errors and/or does not function according to specifications;
5. The Sahara Slate PC has been dropped or otherwise physically damaged.

Caution

Lithium-Ion batteries can be dangerous. There is a danger of explosion if the batteries are incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to state or local hazardous waste requirements.

Under no circumstances should the user attempt to disassemble the power supply. The power supply has no user-replaceable parts and its insides contain components that are electrically-charged with hazardous voltage levels that can cause serious personal injury. A defective power supply must be returned to your dealer.

Safety Notices for the Power Cord

This equipment has a 2 or 3-wire power cord. Replace the power cord if it becomes damaged. Contact your dealer for an exact replacement.

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