

Getac

ZX70 Series

USER MANUAL

Rugged Mobile Computing Solution

May 2021

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Disclaimer

Specifications and manuals are subject to change without notice. Getac assumes no liability for damage incurred directly or indirectly from errors, omissions, or discrepancies between the device and the manuals.

Notes

Depending on the specific model you purchased, the color and look of your model may not exactly match the graphics shown in this document.

The screenshots and other presentations shown in this document are for reference only. They may differ from the actual screens and presentations generated by the actual product.

Your device is based on Android™ 9 operating system, with additions by Getac.

For the latest version of the manual, please visit the Getac website at www.getac.com.

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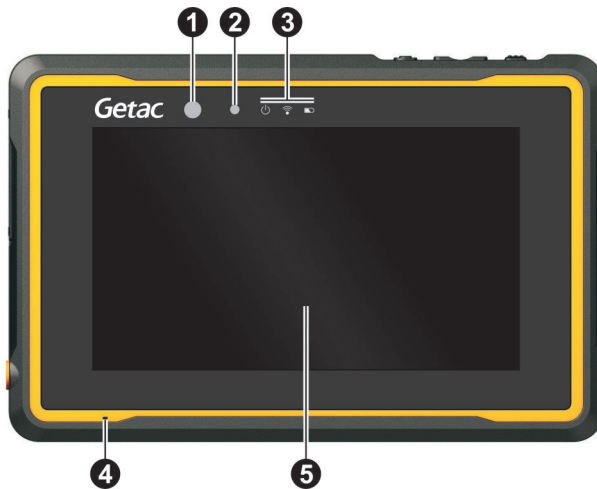
Chapter 1

Getting Started




This chapter introduces you to the external components of your device and guides you through the process of setting up your device for use.

Identifying Hardware Components

Front Components



Ref	Component	Description
①	Camera lens	Allows you to use the camera function. The front lens supports 8 MP with fixed focus.
②	Light sensor	Senses the ambient light for automatic adjustments of the display backlight.

Ref	Component	Description
3	Indicators	
	 Power	Lights blue when the device is turned on.
		Blinks blue when the device is in Suspend mode. Suspend mode is a deep sleep mode that saves more battery power. The device automatically enters Suspend mode after remaining idle in Sleep mode for some time. The device will wake up upon an external event (such as a button press or an alarm).
	 RF (Radio Frequency)	Blinks blue when the RF radio of any RF feature (WLAN/Bluetooth/WWAN) is on.
	 Battery Charge	Lights amber when the battery is being charged.
Lights green when battery charging is completed.		
Blinks green to indicate the battery's built-in high temperature protection mechanism is activated.		
Blinks red when the battery's capacity is below 10%.		
Blinks amber when the battery charging is in an abnormal state. Replace the battery in case this happens.		
4	Microphone	Receives sound and voice.
5	Touchscreen	Displays and receives information for the device.

Back Components



Ref	Component	Description
①	Flash	Provides extra light in certain applications.
②	Camera lens	Allows you to use the camera function. The rear lens supports 12 MP with auto focus.
③	Fingerprint scanner (optional)	Serves as the fingerprint verification, preventing unauthorized access to your device.
④	Speaker	Plays music, sounds and voices.

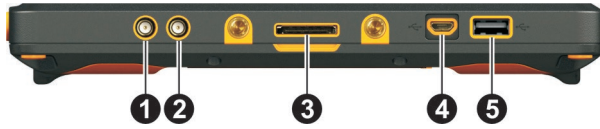
Top Components



Ref	Component	Description	
①	Barcode scanner lens (optional)	Scans barcodes.	
②	Power button	Short press	Goes into or wakes up from sleep mode.
		Long press	Starts up the device from the power off state.
			Opens a menu with Power off option when the device power is on.
			A press longer than 8 seconds brings different results. (See "Restart or Hard Reboot" in Chapter 6 for information.)
③	Minus button	Decreases the sound volume (default setting). The type of sound adjusted depends on the current operation.	
④	Plus button	Increases the sound volume (default setting). The type of sound adjusted depends on the current operation.	
⑤	Fn (Function) button	Depending on your model, the default function is one of the below.	
		Trigger	Functions as the trigger button for the barcode scanner.
		Shutter	Functions as the shutter button for the camera.

NOTE: The hardware buttons (except the power button) can be re-defined using [Getac Settings](#).

Bottom Components



Ref	Component	Description
❶	WWAN pass-through connector (optional)	Connects the external antenna for WWAN (wireless wide area network) connectivity.
❷	GPS pass-through connector (optional)	Connects the external antenna for GPS signal reception.
❸	Docking connector	Connects to the office or vehicle dock (purchased separately).
❹	Micro USB client connector	Connects to a computer via USB cable for data transfer.
❺	USB host connector	Connects to a USB device.

Left-Side Components



Ref	Component	Description
①	Tether holder	For holding a tether. There is one holder on the left side and another on the right side.
②	MicroSD card slot (inside the cover)	Accepts a microSD card for removable storage.
③	SIM card slot (optional) (inside the cover)	Accepts a SIM card for the WWAN function.
④	Power connector	Connects to the AC adapter.

Getting Your Device Ready for Use

Installing the SIM Card (Select Models Only)

1. Loosen the screw and flip open the cover.



2. With the SIM card's chip side facing back and the beveled corner pointing to the slot, insert the card all the way into the slot.



NOTE: To remove the SIM card, slightly push in the card to release it and then pull the card out of the slot.

3. Close the cover and tighten the screw.
4. If you insert a SIM card when the device power is off, the device will detect it and configure the matching firmware when you next start up the device.

If you insert a SIM card when the device power is on, the device will detect it and configure the matching firmware. Wait till the process is completed. Never turn off or restart the device during the process.

CAUTION:

- When closing the cover, you must firmly press all over the cover to ensure its sealing capability. And keep the screw tightened to protect against external impacts.
- To ensure IP67 protection performance, always have the cover closed with the screw tightened unless you need to open it for inserting or removing a card.



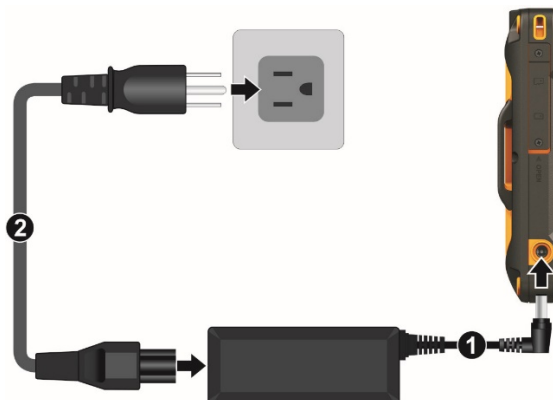
Connecting to AC Power and Charging the Battery

NOTE:

- The battery is shipped to you in power saving mode that protects it from charging/discharging. It will get out of the mode to be ready for use when you connect AC power to the device for the very first time.
- Charging will not start if the battery's temperature is outside the allowed range, which is between 0 °C (32 °F) and 50 °C (122 °F). Once the battery's temperature meets the requirements, charging automatically resumes.

1. Plug the DC cord of the AC adapter to the power connector of the device (❶).

Plug the female end of the AC power cord to the AC adapter and the male end to an electrical outlet (❷).



2. The charge indicator glows in amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, as indicated by the amber indicator turning into green. This will take a couple of hours.

Performing the Initial Startup

NOTE: You must use AC power when starting up the device for the very first time.

When turning on your device for the very first time, you will be guided through a setup process.

1. Make sure that your device is connected to AC power.
2. To turn on the device, press and hold the power button for at least 3 seconds until the Power indicator lights up.

The device powers up and displays the initial screen.

3. Follow the on-screen instructions to complete the initial setup process.

After the setup is completed, the Home screen appears. You can now use your device.

Chapter 2

Operating Basics

This chapter familiarizes you with the basic operations of your device.

CAUTION:

- Do not expose your skin to the device when operating it in a very hot or cold environment.
- The device can get uncomfortably warm when you use it in high temperatures. As a safety precaution in such a circumstance, do not place the device on your lap or touch it with your bare hands for extended periods of time. Prolonged body contact can cause discomfort and potentially a burn.
- When the device is placed flat on a table top for work, the back surface can get hot after long working hours. Take precautions if you need to carry the device around while it is hot to the touch. Depending on your model, a carrying handle or strap may be available as an option. You can use the handle or strap to carry the device.

Waking Up and Shutting Down

Waking Up

Your device sleeps after a period of inactivity. To wake up, press the power button and, at the lock screen, drag the lock icon to the other side of the screen.

Shutting Down

Press and hold the power button until a menu pops up. Tap **Power off**.

NOTE: If the device somehow cannot display the power off menu, you can force the device to power off by pressing and holding the power button for more than 8 seconds.

Navigating on the Screen

Use your finger to navigate and select objects on the screen. Here are some common terms that you should know when using the touchscreen:

- **Tap**
Touch the screen once with your finger to open an item or select an object.
- **Tap and hold**
Touch and hold your finger on an item to see a list of actions available for that item.
- **Drag**
Hold your finger on an item and, without lifting the finger, move across the screen until you reach the target position.
- **Swipe or slide**
Move your finger across the screen, without pausing when you first touch it (so you don't "drag" instead). For example, you slide the screen up or down to scroll a list.
- **Pinch**
In some applications (such as Maps and Photos), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).

NOTE:

- You can also use a stylus. The stylus should be a capacitive-tipped stylus (purchased separately).
- An optical film has been attached to the screen before shipment. The film is a consumable, which will be worn out by possible scratches. You can purchase a new one when replacement is required.
- When the touchscreen does not seem to respond, put the device to sleep and then wake it. The screen should function again.

Touch Mode

You can change the touch mode to suit your scenario. To quickly switch the mode, touch one of the widgets on the Home screen.



Select this if you are using the stylus. This mode responds to finger touches as well.

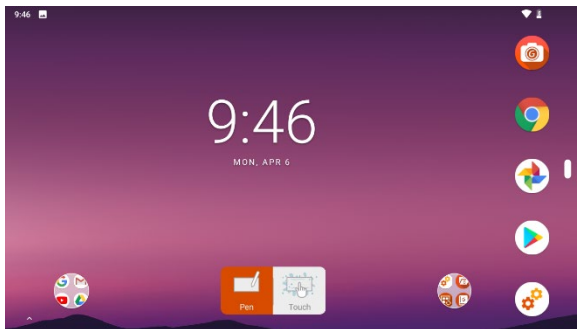
Select this when liquids (such as raindrops) are falling on the screen and should be rejected as input. Use your finger in this mode.


Auto Rotate

The display orientation changes automatically when you rotate the device. You can disable the function through Settings.

Home Screen

The Home screen is your starting point to access all the features on your device. You can have it display application icons, widgets, shortcuts, and other features that you want. The default Home screen already contains some app icons and widgets.

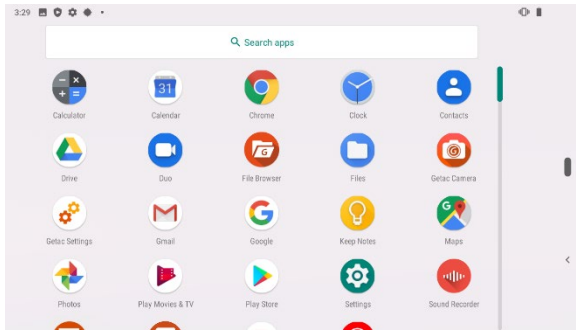


To return to the Home screen at any time, tap the Home icon  at the right side or bottom side of the screen.

You can add app icons, shortcuts, widgets, and other items to any part of the Home screen where there's free space.



Using Applications

Swipe up from the bottom of the Home screen to open the All Apps screen. The screen holds icons for all of the apps on your device. Tap an icon to open the app.



Navigation Bar

The navigation bar at the side of the screen provides buttons for navigation purposes and frequently-used tasks.

Button	Name	Description
	Home	Tap this icon to open the Home screen.
	Recent	Slide this icon toward the middle of the screen to open the Recent Apps screen. Tap the app you want to open.
	Back	Tap this icon to go back to the previous screen.

Status Bar

The Status Bar appears at the top of almost every screen. It displays icons indicating the current status (on the right) and icons indicating that you've received notifications (on the left), along with the current time.

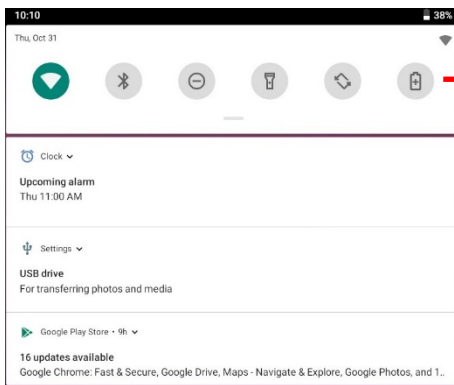


Quick Settings and Notifications Panel

You can open Quick Settings and Notifications Panel by swiping down from the top of the screen.

Quick Settings allow you to quickly change common settings such as screen brightness, Wi-Fi, Bluetooth, Airplane mode, and others.

Notifications Panel provides timely reminders for events, tasks, and alerts.



*Quick Settings:
Swipe down to see all quick settings.*

*Notifications Panel:
You can interact with your list of notifications.*

Swipe up to close Quick Settings and Notifications Panel.

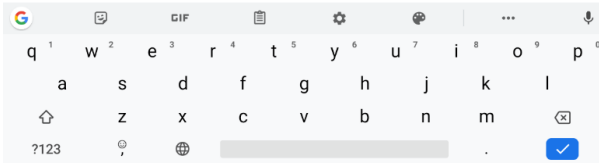
Entering Information

You enter text, numbers, and symbols using the virtual keyboard. Some applications open the keyboard automatically. In others, the keyboard opens when you tap an input field.

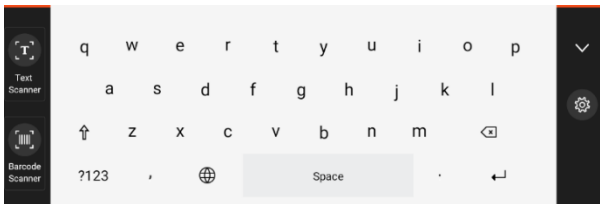
NOTE: If the virtual keyboard does not open, go to **Settings → System → Languages & input → Physical keyboard** and enable **Show virtual keyboard**.

Your device has two virtual keyboards (Gboard and GetacIME).

- **Gboard:** This is the default Google™ keyboard.



- **GetacIME:** This is a virtual keyboard developed by Getac. It incorporates a text scanner and barcode scanner into the English keyboard. (See “GetacIME” in Chapter 4 for detailed information on using the keyboard.)



Quick QR Code Scanning (Select Models Only)

If your model has the barcode scanner lens, you can quickly scan a QR code to access a website. (For other information on the barcode scanner, see “Using the Barcode Scanner” in Chapter 4.)

1. Go to the Home screen.
2. Press the **Fn** button (defined as **Trigger** by default) on your device.
3. Aim the scan beam at the barcode. Adjust the lens’ distance from the barcode, shorter for a smaller barcode and farther for a larger one.

NOTE:

- The scan beam will light up with a slight delay because it is initiated from the power off state each time.
- The scan beam projected from the lens varies with models. The below illustration shows two examples.



4. Upon a successful scan, the scan beam turns off and the decoded barcode data is entered in the Google Search bar.

NOTE: The scan beam also turns off after timeout.

Notes



- **Pulse repetition rate:** 57.67 Hz
- **Scan angle:** 360° tilt; ±45° pitch; ±60° skew

Chapter 3

Getting Connected

This chapter tells you how you can get your device connected through a variety of ways.

Wireless Connections

Using WWAN (Select Models Only)

NOTE: Your model only supports data transmission. Voice transmission is not supported.

Select models support LTE and UMTS connectivity.

Mobile network is enabled by default. The icons in the status bar indicate which kind of data network you're connected to and the network signal strength.


To check or modify settings, go to **Settings** → **Network & internet** → **Mobile network**.

To check the specific WWAN module information, go to **Getac Settings** and check the items under **LTE**.

Using Wi-Fi Networks

Turning On/Off the Wi-Fi Radio

Open **Quick Settings** and tap the Wi-Fi icon.

When the Wi-Fi radio is turned on, the icon  appears in the status bar. If your device finds a network that you connected to previously, it connects to it.

Connecting to a Wi-Fi Network

1. Open **Quick Settings**. Tap and hold the Wi-Fi icon.
- or -
Go to **Settings** → **Network & internet** → **Wi-Fi**.
2. Your device scans for available Wi-Fi networks and displays the names in the screen.
3. On the list of discovered networks, tap the one you want to connect to.
4. If the network is secured, you're prompted to enter a password or other credentials.

If the network is open, you are prompted to confirm that you want to connect to that network by tapping **Connect**.

Using the Bluetooth Function

NOTE: Getac does not guarantee the product's compatibilities with the Bluetooth headsets/devices from all manufacturers.

Turning On/Off the Bluetooth Radio

Open **Quick Settings** and tap the Bluetooth icon.


Pairing with a Bluetooth Device

The first time you use a new Bluetooth device with your device, you must "pair" them, so that they know how to connect securely to each other. After that, you can simply connect to a paired device.

1. Open **Quick Settings**. Tap and hold the Bluetooth icon.
- or -
Go to **Settings** → **Connected devices**.
2. Tap **Pair new device**.

Your device scans for and displays the IDs of all available Bluetooth devices in range.
3. On the list of discovered devices, tap the ID of the device you want to pair with.

4. The devices pair with each other. If you're prompted to enter a passcode, try entering 0000 or 1234 (the most common passcodes), or consult the documentation that came with the device to learn its passcode.

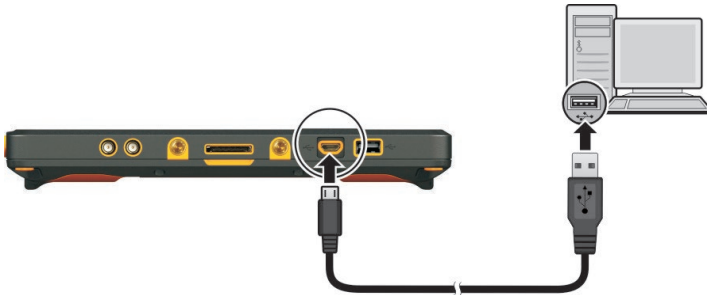
If the pairing is successful, your device connects to the device. The icon  appears in the status bar.

External Connections

Connecting to a Computer via USB

You can connect your device to a computer with the USB cable, to transfer files between your device and the computer.

Use the USB cable (available to you as an option) to connect the device to a USB port on your computer.



Using a MicroSD Card

Inserting a MicroSD Card

1. Loosen the screw and flip open the cover.



2. Insert the card into the slot, with the golden contacts pointing to the slot and facing rear.



3. Close the cover and tighten the screw.

CAUTION:

- When closing the cover, you must firmly press all over the cover to ensure its sealing capability. And keep the screw tightened to protect against external impacts.
- To ensure IP67 protection performance, always have the cover closed with the screw tightened unless you need to open it for inserting or removing a card.



Removing microSD card

You can safely remove the microSD card from your device any time the device is shut down. If you need to remove the card while the device is on, unmount the card first to prevent corrupting or damaging the card.

To unmount:

1. Go to **Settings** → **Storage** and then tap the **Eject** icon next to your microSD card.
2. Open the microSD card slot cover. Press the edge of the card to release it and then pull the card out of the slot.

Chapter 4

Getac Applications

In addition to Android preinstalled apps from Google, several apps are added to your device by Getac. This chapter describes these Getac apps.


NOTE:

- For instructions on using the preinstalled apps from Google, check Google official website for online help.
- You can use Update Center to update Getac apps to the latest version. (See “Updating Getac Apps” in Chapter 6 for information.)

Getac Camera

Use the **Getac Camera** app to take photos and record videos.

To open the app, use any of the below methods:

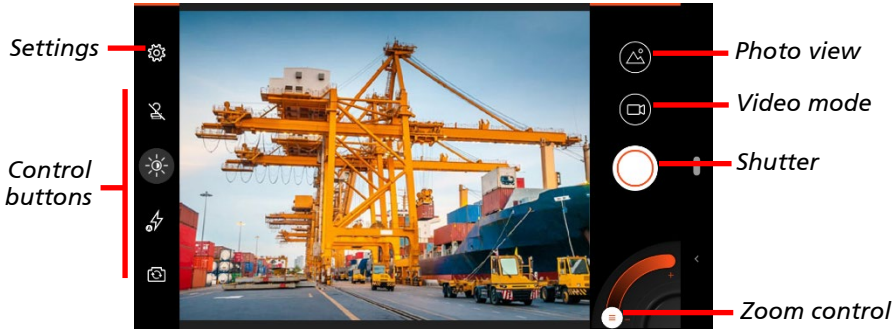
- Tap the **Getac Camera** app icon , which can be found in the default Home screen, the Getac folder, and the All Apps screen.
- Quickly press the power button twice (if the “Jump to camera” function is enabled).

NOTE: The “Jump to camera” function is enabled by default. If you want to disable the function, go to **Settings** → **System** → **Gestures**.

Taking Photos

1. Open the Getac Camera app.

If you are in Video mode, tap  to switch to Camera mode.




A white circle will appear briefly in the center, indicating the focus area.

2. **To focus on a specific area:** Tap the area in the preview window. A white focus frame appears. When the color of the frame changes to green, it means focus is completed. If the color changes to red, it means a failed focus.

To zoom in or out: Use the pinch gesture on the preview window or move the knob along the slider at the bottom corner of the screen.

For other immediate controls, use the control buttons. (See "Control Buttons" for detailed information.)

For overall settings, tap . (See "Camera Settings".)

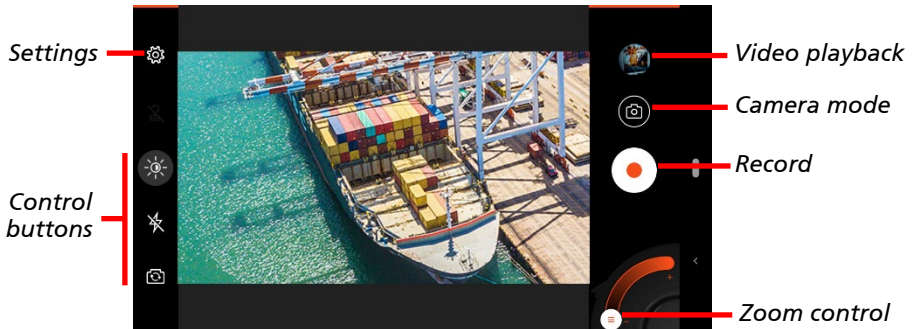
3. To take the photo, tap . You can also press the **Fn** button on your device if it has been defined as the shutter button.
4. The photo you just took is displayed as a thumbnail at the corner. You can tap the thumbnail to view the photo.

The photo will be saved as a JPG file in the predefined folder.

Recording Videos

1. Open the Getac Camera app.

If you are in Camera mode, tap  to switch to Video mode.




A white circle will appear briefly in the center, indicating the focus area.

2. **To focus on a specific area:** Tap the area in the preview window. A white focus frame appears. When the color of the frame changes to green, it means focus is completed. If the color changes to red, it means a failed focus.



To zoom in or out: Use the pinch gesture on the preview window or move the knob along the slider at the bottom corner of the screen.

For other immediate controls, use the control buttons. (See "Control Buttons" for detailed information.)


For overall settings, tap . (See "Camera Settings".)

3. To start recording the video, tap .

The elapsed time shows at the bottom.

4. During the recording, you can pause and resume by tapping  and .







If you want to capture a still image while recording, tap .









- To stop recording, tap .
- An image from your most recent video is displayed as a thumbnail at the corner. You can tap the thumbnail to view the video.

The video will be saved as a MP4 file in the predefined folder.


Control Buttons

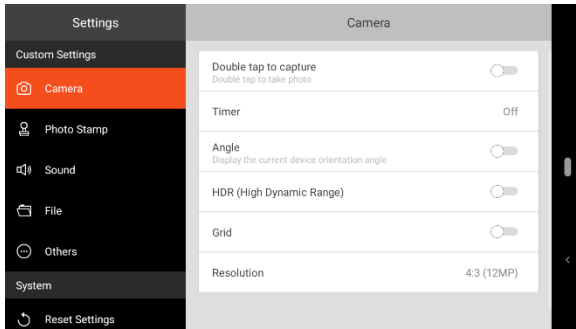
Any setting change remains valid until you change it again.

Button	Description
 Photo Stamp	To enable or disable photo stamp which can include date, time, location, and text. The icon indicates the current status.  - On  - Off (default) When you first enable photo stamp, you will be guided to the settings menu. NOTE: Not supported in Video mode.
	To expand subitems for exposure and white balance settings.
 White Balance	To select a white balance mode according to the current light source. When you tap an icon, the mode name will briefly appear on the screen. Available modes are Auto (default), Incandescent , Fluorescent , Warm fluorescent , Daylight , Cloudy daylight , Shade , and Twilight .
 Exposure Value	To select an exposure value from the available choices.

Button	Description
 Flash (for Camera mode)	<p>To select a flash mode for photo taking. Tap to cycle through the choices. The icon indicates the current status.</p> <p> - Automatic (default)</p> <p> - On</p> <p> - Off</p>
 Flash (for Video mode)	<p>To turn on or off the flashlight for video recording. The icon indicates the current status.</p> <p> - Off (default)</p> <p> - On</p>
 Camera Switch	<p>To switch between the front and back camera lens.</p>

Camera Settings

While in Getac Camera, tap  at the top left corner to open the settings menu.



Item	Description
Camera	
Double tap to capture	To set if you can take the photo by double tapping where you want to focus in the preview window.
Timer	To set the countdown timer for taking the photo.
Angle	To set if the device orientation angle is displayed in the preview window.
HDR (High Dynamic Range)	To enable or disable the High Dynamic Range feature. This feature is helpful in certain situations (in a scene with a lot of contrast, for example).
Grid	To enable or disable the 3x3 grid feature. This feature helps you achieve better balance in the composition of a photo. What you do is place your points of interest in the intersections or along the grid lines.
Resolution	To set the camera photo resolution. Available choices depend on the current camera lens in use.
Photo Stamp	
Date	To select the date format or to select None when you don't want the photo stamp to include the date.

Item	Description
Time	To select the time format or to select None when you don't want the photo stamp to include the time.
GPS	To enable or disable the adding of geographical information (if available) in the photo stamp.
Text	To add text in the photo stamp. Tap Custom text and type the text in the input field. Otherwise, select None .

Sound

Shutter sound	To enable or disable the shutter sound played upon photo taking.
Timer beep	To enable or disable the beep sound for the timer.

File

File name	To add character(s) before the photo/video filename. Enter the character(s) in the input field and tap OK .
File information	To set if the information embedded into the image file includes one or both of the following items. <ul style="list-style-type: none"> • Location data (Geotagging) • Compass direction

Others

Force maximum brightness	To keep the display brightness at the highest level (overriding the system settings) while in the Getac Camera main screen.
Keep display on	To keep the display on (overriding the system settings) while in the Getac Camera main screen.
JPEG Image quality	To set the amount of JPEG compression. A lower percentage means a lower quality.
File path	To specify the location for storing the photos/videos. Options are: <ul style="list-style-type: none"> • Internal Storage • SD card

Reset Settings

Reset settings to default	To reset all Getac Camera settings to the default values.
----------------------------------	---

Item	Description
Set Settings Via QR code	
Import settings	<p>To import Getac Camera settings from another device by scanning the QR code on that device.</p> <p>This is convenient when you want to copy the settings from another device.</p>
Export settings	<p>The QR code in this screen contains the current Getac Camera settings. When Getac Camera on another device scans the QR code, the settings will be copied to that device.</p> <p>The SAVE button allows you to save the QR code as a PNG file named GetacQR-Camera in the DCIM folder of your device.</p> <p>The SHARE button allows you to share the QR code image with others through an available sharing option.</p>


File Browser

NOTE: When asked to allow permissions for the app, tap **ALLOW**.

The **File Browser** app allows you to organize your data in the internal SD card and any connected external storage (such as a microSD card or USB disk).


With File Browser, you can:

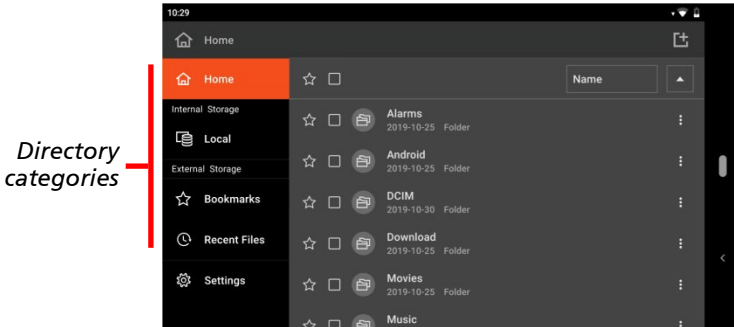
- View, delete, copy and paste, move, and rename files/folders.
- Share files of the same type with others through an available sharing option.
- Bookmark your favorite files/folders.
- Open a file as long as it is supported by your device.

To open the app, tap the **File Browser** app icon , which can be found in the Getac folder and the All Apps screen.

Viewing Files/Folders

1. At the left side of the File Browser screen is the menu, where several directory categories are listed.

NOTE: If you are in the portrait view, you have to tap the **Menu** button  at the top left corner of the screen to open the menu.



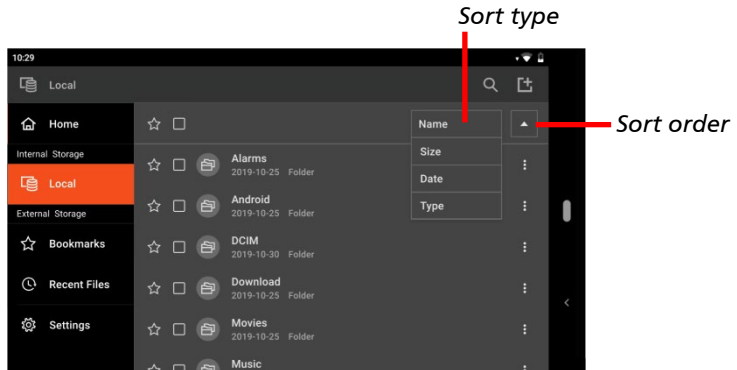
The directory categories are:

- **Home:** The default home directory is the root directory of the internal storage. You can specify a folder to be your home directory. (See "File Browser Settings" for information.)
- **Local:** This shows the internal storage.
- **SD Card/USB Disk:** You will see the item if a removable storage device is inserted.
- **Bookmarks:** This shows the file(s)/folder(s) you have bookmarked.
- **Recent Files:** This shows the files you have recently opened in File Browser. A maximum of 15 files can be listed.

Tap the directory you want to view. The matching contents will display at the right side, sorted by name in the ascending order (default settings).

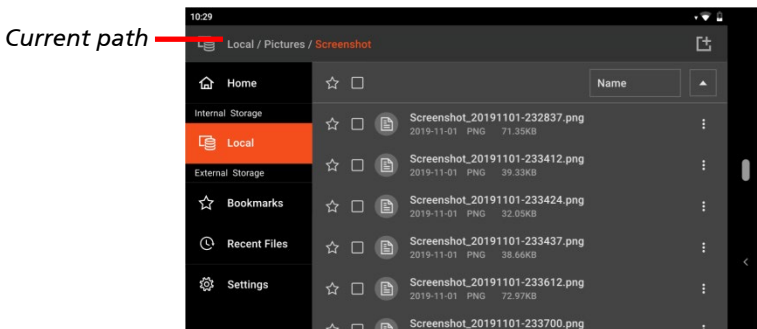
2. To view the contents by a different sorting order, tap the current sort name and select from the options (**Name, Size, Date, and Type**).


To change the ascending/descending order, tap the up/down icon.



3. To open a folder, tap the folder name.

To go back to a higher folder level, tap the folder name at the top left corner where the current path is indicated.



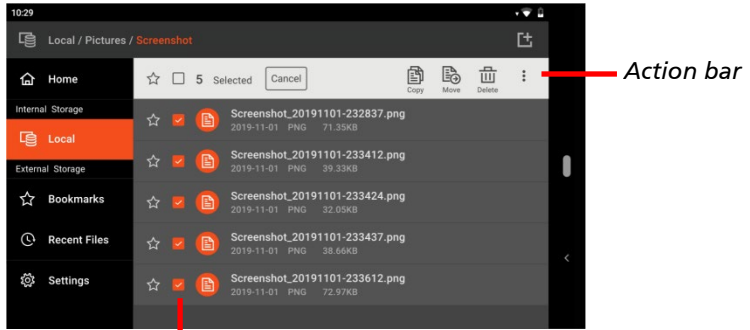
4. To view the properties of a file/folder, tap  at the end of the item. In the menu that pops up, tap **File property**.

Managing Files/Folders

Selecting Files/Folders

1. Browse to the desired folder.
2. **Single selection:** Tap the checkbox to the left of the item name.
Multiple selection: Tap each checkbox to the left of the item name.
Select all: Tap the checkbox at the top of the item list.

- When item(s) are selected, the action bar appears at the top of the item list.




A check in the checkbox means it is selected.


To abandon the selection and close the action bar, tap **Cancel**.

To act on the selected item(s), see the relevant section below.


Deleting Files/Folders

- Select the desired item(s) as described earlier in “Selecting Files/Folders”.
- To delete the selected item(s), tap  in the action bar.

Moving Files/Folders



- Select the desired item(s) as described earlier in “Selecting Files/Folders”.
- To move the selected item(s), tap  in the action bar.
- Specify the destination folder in the popup window. Tap a folder name to go down one level.

Copying and Pasting Files/Folders

- Select the desired item(s) as described earlier in “Selecting Files/Folders”.
- Tap  in the action bar.



3. Browse to the destination folder and tap  in the action bar.

Renaming a File/Folder


1. Browse to the desired file/folder.
2. There is no need to select the item you want to rename. Simply tap  to the right of the item name. If you have already selected the item, tap  in the action bar.
3. In the menu that pops up, tap **Rename**.
4. Type the filename in the input field and tap **OK**.

Sharing File(s)

NOTE: The maximum number of files to be shared at one time is 100.


1. Browse to the folder containing the file(s) you want to share.
2. **Single file sharing:** There is no need to select the item you want to share. Simply tap  to the right of the item name. If you have already selected the item, tap  in the action bar.

Multiple files sharing: You can only share files of the same type at one time. Select the files as described earlier in “Selecting Files/Folders”.

Then, tap  in the action bar.

3. In the menu that pops up, tap **Share**.
4. A window pops up providing methods you can use. Tap the method you want.
5. Follow the onscreen instructions to complete.

Creating a New Folder

1. Browse to the folder level where you want to create a new folder.
2. Tap  at the top right corner of the screen.
3. Type the folder name in the input field and tap **CREATE**.

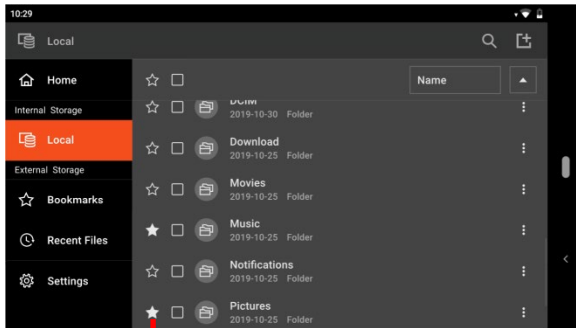
Setting Bookmark(s)

To bookmark item(s):

1. Browse to the desired folder.
2. **Single selection:** Tap the star to the left of the item name.

Multiple selection: Tap each star to the left of the item name.

Select all: Tap the star at the top of the item list.



A white star indicates that the item is bookmarked.

The bookmarked item(s) will appear in the Bookmark directory for your quick access.

NOTE: The maximum number of bookmarks is 50.

To cancel bookmark(s):

You can cancel the bookmark of an item either in the Bookmark directory or in the folder where the item is located.

Tap the white star of the item to cancel the bookmark.

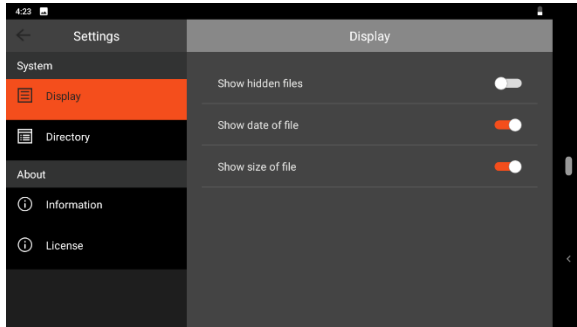
Opening a File

When you tap a filename, the app tries to open or execute the file depending on the file type.

NOTE: Not all files can be opened in this way.

File Browser Settings

Tap **Settings** in File Browser to configure the app.



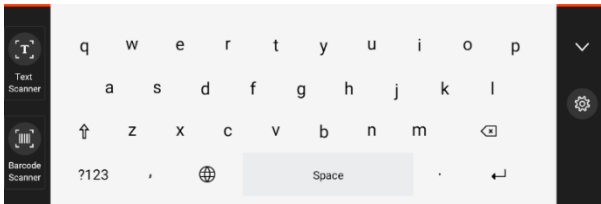
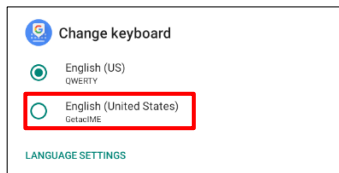
Item	Description
Display	To enable or disable the display of the following data: <ul style="list-style-type: none">• Hidden files• File date• File size
Directory	To specify the home directory. Tap Home directory and select the folder. Tap a folder name to go down one level.

GetacIME

GetacIME (Input Method Editor) is a virtual keyboard that features:

- QWERTY keyboard
- Text scanner
- Barcode scanner

To switch to the GetacIME keyboard, tap and hold the space bar of the default Google keyboard and select **GetacIME**.



NOTE:

- When you use Text Scanner or Barcode Scanner for the very first time, you will be prompted to download GMS Library. Connect your device to the Internet and follow the onscreen instructions. (Not supported for non-GMS devices.)
- When you use Text Scanner or Barcode Scanner for the very first time, you will be asked to allow permissions for the app. Tap **ALLOW** when asked.

Using the Text Scanner


NOTE:

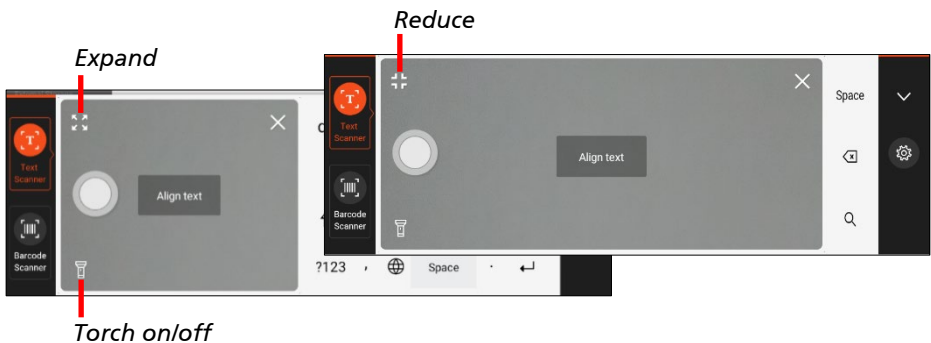
- The Text Scanner supports Roman alphabet including letters, numerals, punctuation marks, and symbols.
- Most common 1D and 2D symbologies are supported.

Text Scanner is a text and barcode recognition tool. It can detect text and barcodes from images captured by the rear camera.

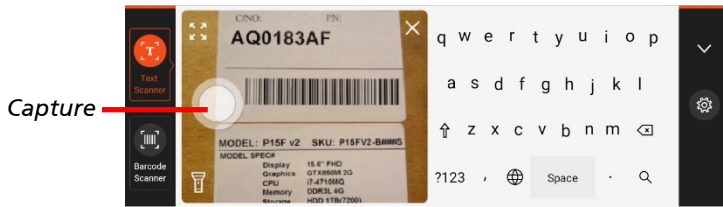
To input text using this tool:

1. Place the insertion point (or called cursor) where you want the data to be entered.
2. Switch to the GetaclIME keyboard.

3. Tap **Text Scanner**  on the left side of the keyboard. The scan preview window appears.
4. You can expand the scan preview window (in landscape view only). You can turn on the torch if needed.



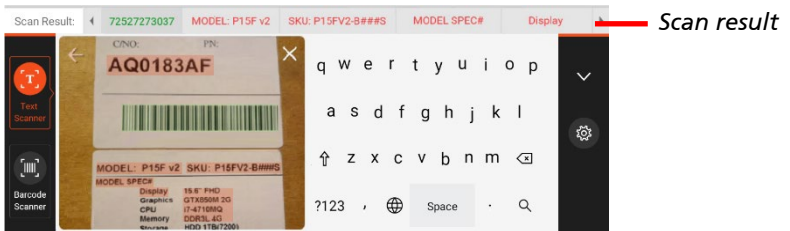
5. Aim the rear camera lens at the target. The device will automatically focus. If there is an area you want to focus, tap the area in the preview window.
6. Tap the **Capture** button to detect text and barcodes.



7. Detected text will be highlighted in red and barcode(s) in green.

When there are multiple groups of data, they will be identified as individual text strings and be highlighted separately.

8. The result is displayed at the top of the keyboard, divided into cells if there are multiple groups of data. Tap the right or left arrow to view other cells when there are more.



9. Tap the cell that contains the text string you want to enter.

To cancel the operation or start a new scan, tap ←.


10. When finished using the tool, tap X to close the preview window.

Using the Barcode Scanner

Barcode Scanner is a barcode scanning and decoding tool. It can scan barcodes with either the rear camera or the barcode scanner lens (select models only).

NOTE: Most common 1D and 2D symbologies are supported.

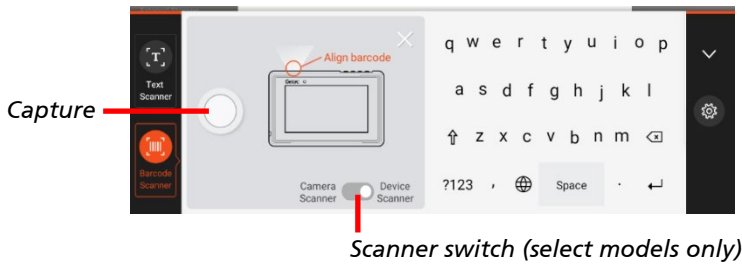
1. Place the insertion point (or called cursor) where you want the data to be entered.
2. Switch to the GetacIME keyboard.

3. Tap **Barcode Scanner**  on the left side of the keyboard.

4. If your model comes with the barcode scanner, you can choose between **Device Scanner** and **Camera Scanner**.

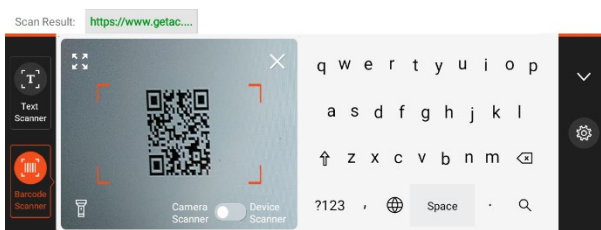
- **Using Device Scanner:**

Tap the **Capture** button on the screen or press the **Fn** button on your device. Aim the scan beam at the barcode. Upon a successful scan, the scan beam turns off.



- **Using Camera Scanner:**

Aim the rear camera lens at the target. (See step 4 in “Using the Text Scanner” for more instructions.) Make sure the barcode is within the four corner markers. Upon a successful scan, the color of the markers turns red.




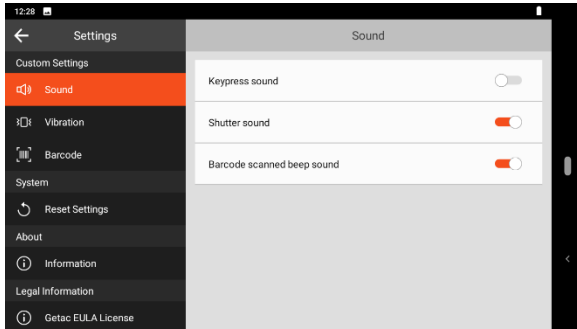
5. The decoded barcode data is entered.

6. When finished using the tool, tap **X** to close the preview window.

GetacIME Settings

To open GetacIME Settings, use one of the below methods:

- When GetacIME is open, tap  to access its settings menu.
- Go to **Settings** → **System** → **Languages & input** → **Virtual keyboard** → **GetacIME**.




Item	Description
Sound	
Keypress sound	To enable or disable the typing sound whenever a key is pressed.
Shutter sound	To enable or disable the shutter sound played upon barcode/text capturing with the rear camera.
Barcode scanned beep sound	To enable or disable the beep sound upon a successful barcode scan with the device scanner.
Vibration	
Keypress vibrate	To enable or disable device vibration whenever a key is pressed.
Barcode scanned vibration	To enable or disable device vibration upon a successful barcode scan with the device scanner.

Item	Description
Barcode	
Barcode prefix/suffix	To add character(s) before/after each decoded data string. Besides alphanumeric characters, you can enter character code(s) such as \n, \t, \b, and \r. Tap Custom Text , enter the character(s) in the input field, and tap OK .
Encoding type	To specify the codepage for mapping the character codes to characters. When the data received does not display with the proper characters, it may be because the barcode being scanned was created using a codepage that is different from the one the app is expecting. If this is the case, select the codepage with which the barcodes were created. The data characters should then appear properly.
Reset Settings	
Reset settings to default	To reset the settings to default values.

NFC Reader (Select Models Only)

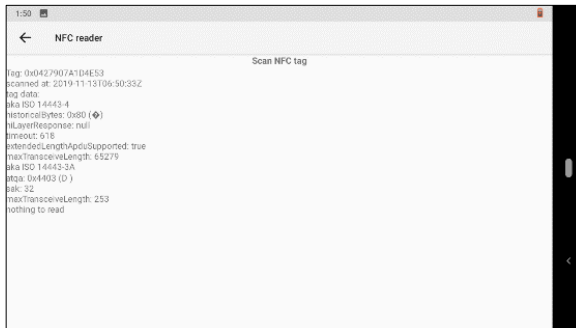
NOTE: For enhanced applications and customization of the NFC reader, contact your authorized Getac dealer.

To read information from NFC tags:

1. Tap the **Getac Settings** app icon , which can be found in the default Home screen, the Getac folder, and the All Apps screen.
2. Tap **NFC reader**.
3. Bring the tag near the RFID antenna.



4. The scanned data is displayed on the screen.




Getac deployXpress Client (Select Models Only)

Getac deployXpress is a cloud-based deployment solution for Getac Android devices. It helps IT administrators better manage Getac devices in the enterprise or organization.

On each client device to be deployed, an app named **deployXpress Client** is pre-installed. Use this app to:

- Enroll the device
- Import configuration settings
- Determine the client behavior

To open the app, tap the **deployXpress Client** app icon , which can be found in the Getac folder and the All Apps screen.

For detailed information on using the app, see the *User Guide* which can be accessed by clicking the **Help** button  at the top right corner of the screen.

Chapter 5

Managing Your Device

This chapter tells you how to manage power and customize your device.

Managing Power

The operating time of a fully charged battery depends on how you are using the device. Some functions, such as using multimedia or operating a microSD card, may consume the battery power considerably.

NOTE:

- The battery has a self-protection mechanism which limits the maximum charge of the battery to 80% of its total capacity in particular situations. In such situations, the battery will be regarded as fully charged at 80% capacity.
- The battery level may automatically lessen due to the self-discharge process, even when the battery is fully charged.

Low Battery Signals and Actions

CAUTION: When you recharge the battery upon a warning of low power, you should charge for at least 30 minutes. If you unplug the AC adapter soon, you may not have sufficient battery power for your operation.

The battery status (charging or discharging) and level (as a percentage of fully charged) are displayed at the top of the screen. To check the battery information, go to **Settings** → **Battery**.

You should save your data and recharge the battery immediately upon a warning of low power; otherwise your device will turn off automatically.

You need to connect the device to external AC power for charging before you can use it again.

Power-Saving Tips

You can extend your battery's life between charges by turning off features that you don't need. You can also monitor how apps and system resources consume battery power.

- Enable Battery Saver. Set a shorter screen timeout.
- Decrease the LCD brightness to the lowest comfortable level.
- Lower the volume.
- Turn off the wireless radio if you are not using the wireless module.
- If you don't need it, turn off automatic syncing for all apps.
- Avoid power-consuming apps. To check which apps consume the most battery power, go to **Settings** → **Battery**.

Battery Guidelines

For optimal performance of the battery, take note of the following:

- During charging, do not disconnect the AC adapter before the battery has been fully charged; otherwise you will get a prematurely charged battery.
- There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- As a battery protection, store the device where the temperature is appropriate. Avoid high temperatures.
- If you will not use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

Customizing Your Device


NOTE:

- Make sure that you fully understand the function of a certain item before any adjustment.
- Some setting items are available only for specific models or apps you have in your device.

Settings

The **Settings** app contains most of the tools for customizing and configuring the Android device.


To open Settings, use any of the below methods:

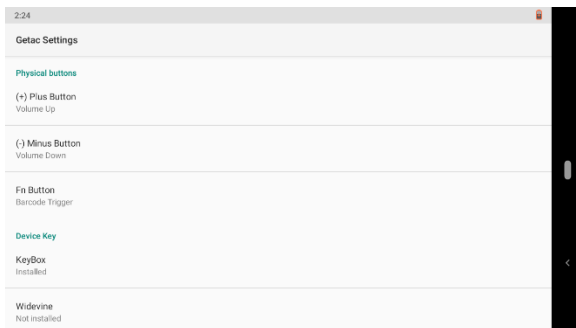
- Open **Quick Settings** and tap the **Settings** icon .
- Open the All Apps screen and tap **Settings**.

For information on standard Android settings, check Google official website for online help.

Getac Settings

Use **Getac Settings** to configure functions specific to your device. Tap the

Getac Settings app icon , which can be found in the default Home screen, the Getac folder, and the All Apps screen.



The following table describes the configurable items.

Item	Description
Physical buttons	
(+) Plus Button	To assign a function or app to a hardware button on your device. Tap a button name and select from the available options in the popup menu.
(-) Minus Button	
Fn Button	
LTE	
All support firmware	To select the LTE module firmware that matches your mobile network operator. If your operator is not listed in the menu, select GENERIC .
Global Navigation Satellite System	
GNSS receiver	To enable or disable the below systems. <ul style="list-style-type: none"> ● GLONASS ● SBAS
	To clear all GPS data in memory and restart the GPS positioning, tap Cold start . The on/off switch will turn back to the off position when you exit this setting screen.
Touchscreen	
Mode	To select the touchscreen mode. Options are: <ul style="list-style-type: none"> ● Touch: This mode works best with fingertip. Select this when liquids (such as raindrops) are falling on the screen and should be rejected as input. Use your finger in this mode. ● Pen: This is the default setting. Select this if you are using the stylus. This mode responds to finger touches as well.
Barcode	
Turn off barcode scanner	To select the countdown time for the barcode scanner to turn off after a trigger action. With each trigger action, the scan beam will turn off upon a successful scan or timeout.

Item	Description
------	-------------

Dock

Antenna	To set if you want to use the external antenna of the dock (when connected). You can also enable the auto switch function.
Audio	To specify which audio output to use when docked.

NFC

NFC reader	To read information from NFC tags. (See “NFC Reader (Select Models Only)” in Chapter 4 for detailed information.)
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Battery Charging Mode

Standard/ Balanced/ Temperature protection mode	<p>To select the charging mode. Options are:</p> <ul style="list-style-type: none"> ● Standard mode: The battery will be fully charged. ● Balanced mode: This mode helps prolong battery life by charging only up to 80% of its total capacity. It is highly recommended if you are using AC power most of the time. ● Temperature protection mode: The battery will be charged to a certain capacity according to the ambient temperature. Select this mode if the device is operating on battery power for long periods of time in a high temperature environment.
--	--

Besides configuring settings for specific components, you can also view device information in Getac Settings, such as sensor status, certain hardware and firmware information, etc.

Chapter 6

Care and Maintenance

This chapter provides various care and maintenance information.

Restart or Hard Reboot

Restart

To restart the device, press and hold the power button until a menu pops up. Then tap **Restart**.

If the device somehow cannot display the power off menu, you can force the device to power off by pressing and holding the power button for more than 8 seconds. Then start up the device by pressing and holding the power button for at least 3 seconds.

Hard Reboot


In case the device is completely unresponsive, you can perform a hard reboot to solve the problem. Use one of the following methods.

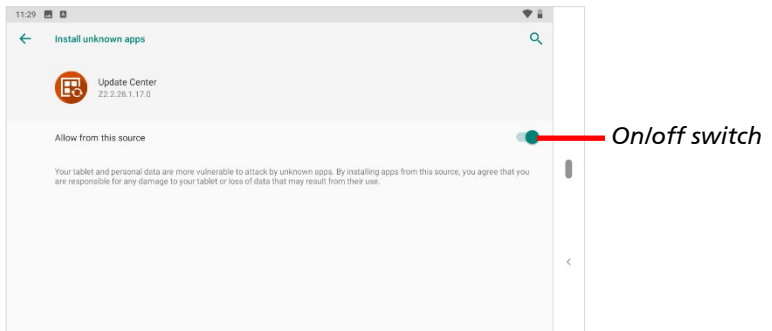
- Press and hold the power button for at least 12 seconds until the Battery Charge indicator blinks red three times. Then release the power button. The device will power off. Start up the device by pressing and holding the power button for at least 3 seconds.
- If the above method does not work, press and hold the power button for at least 16 seconds. During this period, the Battery Charge indicator will blink red three times and then the Power indicator will light up, meaning the device is starting up.

NOTE: Hard reboot can be performed when the power is either on or off.

Update Center

Use **Update Center** to check and update the OS (Operating System) and Getac apps. You can have the updates downloaded automatically or download them manually.

To open the app, tap the **Update Center** app icon  , which can be found in the Getac folder and the All Apps screen. When opening the app for the very first time, you will be asked to allow the installation. Tap the on/off switch to turn it on and then tap ← to continue.

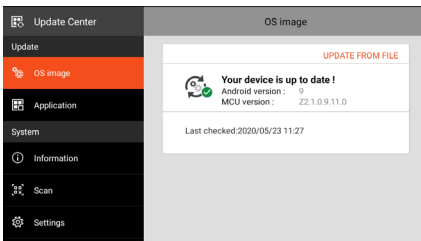


NOTE:

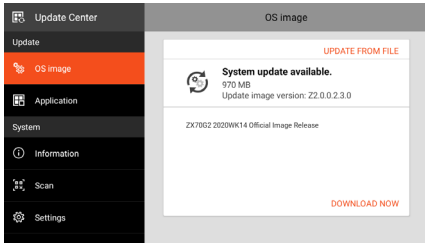
- If your device is not connected to the Internet, you will be prompted to connect.
- To avoid interruptions or failures during updating, have your device connected to external power (recommended) and do not shut down the device.

Updating the OS

After opening Update Center, tap **OS image**. The information you see depends on the current status of your device.

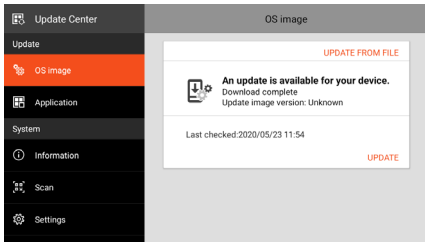


You will see this screen if the OS is up to date.



You will see this screen if an update is found available at the server.

Tap **DOWNLOAD NOW**. After the download is completed, a window pops up to inform you. Tap **UPDATE** in the pop-up windows.



You will see this screen if you did not perform the update after an update has been downloaded.

Tap **UPDATE**.

NOTE: Alternatively, you can update the OS using a file you have obtained. Tap **UPDATE FROM FILE** and select the location where the file is stored.

When the update is completed, you will be prompted to restart the device.

Android Version Upgrade

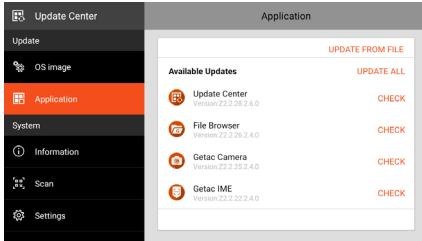


If this switch is set to **On**, you can upgrade your device to a newer Android version when it is available (for example, to upgrade from Android 9 to Android 10).

If set to **Off**, your device will receive updates for the current Android version only.

Updating Getac Apps

After opening Update Center, tap **Application**. The information you see depends on the current status of your device.



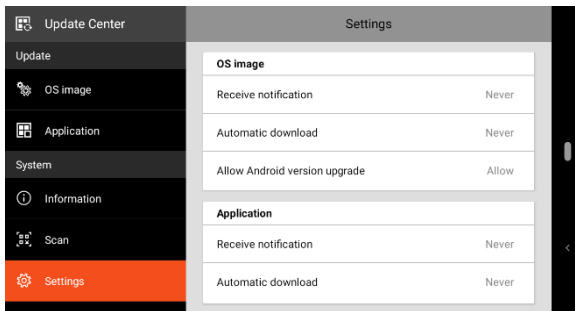
If an update is found available after a check (either manually or automatically), you will see the **UPDATE** button for the app.

Tap **UPDATE** to update the individual app one by one. Or tap **UPDATE ALL** to update all at one time.

NOTE: Alternatively, you can update the app using a file you have obtained. Tap **UPDATE FROM FILE** and select the location where the file is stored.

Update Center Settings

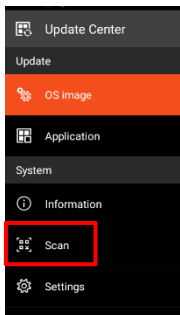
While in Update Center, tap **Settings** to enable/disable notifications and automatic download.



Item	Description
Receive notification	<p>To determine if you will receive the notification of an OS or Getac app update.</p> <ul style="list-style-type: none">• Never: You will not be notified.• Major updates only: You will be notified only if the update is a major one.• All updates: You will be notified of any available update.

Item	Description
	You can tap the notification in the Notifications Panel to act on the notification.
Automatic download	<p>To determine how automatic download works.</p> <ul style="list-style-type: none"> • Never: Automatic download is disabled. • When Wi-Fi is available: Whenever the device is connected to Wi-Fi, the device tries to check for updates and download if there is any. • Always: Whenever there is an update, downloading will always be performed. Note that this will affect the mobile data usage for models supporting mobile networks.
Allow Android version upgrade	<p>To determine if your device will be upgraded to a newer Android version when it is available (for example, to upgrade from Android 9 to Android 10).</p> <ul style="list-style-type: none"> • Allow: A version upgrade can be performed. • Disallow: Your device will receive updates for the current Android version only. You will not be notified of a new Android version.

Update Center Scan



The "Scan" feature is available for specific customers only. With a QR code provided by Getac, updates can be performed by scanning the QR code.

Caring for Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow your device to dry out completely before use.
- To avoid damaging the screen, do not tap it with any sharp object.
- Never clean your device with its power on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void the warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

Chapter 7

Regulatory Information

This chapter provides regulatory statements and safety notices on your device.

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

Regulations Statements

USA Class B Regulations

Federal Communications Commission Radio Frequency Interference Statement

NOTE:

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:

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

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

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.

Company name: Getac USA

Address: 15495 Sand Canyon Rd., Suite 350 Irvine, CA 92618 USA

Phone: 949-681-2900

Industry Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference, and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage, et
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

For Portable Devices (<20cm from body / SAR needed)

Radiation Exposure Statement

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

For WLAN 5 GHz Devices

Caution:

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Avertissement :

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Europe Marking and Compliance Notices

Statements of Compliance

English

This product follows the provisions of the European Directive 2014/53/EU.

Danish

Dette produkt er i overensstemmelse med det europæiske direktiv 2014/53/EU.

Dutch

Dit product is in navolging van de bepalingen van Europees Directief 2014/53/EU.

Finnish

Tämä tuote noudattaa EU-direktiivin 2014/53/EU määräyksiä.

French

Ce produit est conforme aux exigences de la Directive Européenne 2014/53/EU.

German

Dieses Produkt entspricht den Bestimmungen der Europäischen Richtlinie 2014/53/EU.

Greek

Το προϊόν αυτό πληροί τις προβλέψεις της Ευρωπαϊκής Οδηγίας 2014/53/EU.

Icelandic

Pessi vara stenst reglugerð Evrópska Efnahags Bandalagsins númer 2014/53/EU.

Italian

Questo prodotto è conforme alla Direttiva Europea 2014/53/EU.

Norwegian

Dette produktet er i henhold til bestemmelsene i det europeiske direktivet 2014/53/EU.

Portuguese

Este produto cumpre com as normas da Diretiva Europeia 2014/53/EU.

Spanish

Este producto cumple con las normas del Directivo Europeo 2014/53/EU.

Swedish

Denna produkt har tillverkats i enlighet med EG-direktiv 2014/53/EU.

Notices

CE Max power:

WLAN 2.4G: 18 dBm


WLAN 5G: 18 dBm

BT: 6 dBm

NFC: -14.2 dBuA/m@10m


WWAN: 24 dBm

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

	BE	BG	CZ	DK	DE	EE
	IE	EL	ES	FR	HR	IT
	CY	LV	LT	LU	HU	MT
	NL	AT	PL	PT	RO	SI
	SK	FI	SE	NO	IS	LI
	CH	TR	UK (NI)			

Restriction or Requirement in the UK: 5150 to 5350 MHz indoor-use only.

	UK
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	<p>Waste Electrical and Electronic Equipment (WEEE)</p> <p>This symbol means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Proper recycling of your product will protect human health and the environment.</p>
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RF Exposure Information (SAR)

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. SAR limits are 1.6 Watts per kilogram (over a volume containing a mass of 1 gram of tissue) in countries that follow the United States FCC

limit and 2.0 W/kg (averaged over 10 grams of tissue) in countries that follow the Council of the European Union limit. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands.

This device was tested with a separation distance of 5 mm. Always keep this device away from your body to ensure exposure levels remain at or below the as-tested levels.

Safety Precautions

- Prolonged listening of music in maximum volume can damage the ears.

About Charging

- Use only the charger supplied by the manufacturer. Use of another type will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with "LPS," "Limited Power Source," and output rated + 12 V dc / 2.0 A (minimum).
- Use a specified cradle approved by the manufacturer.

About the AC Adapter

- If a ground/earth pin attachment plug on the AC power cord is provided, always plug the cord into a grounded/earthed outlet. Do not disable ground/earth pin of the plug/cord.
- Do not use the AC adapter in a high moisture environment. Never touch the AC adapter when your hands or feet are wet.
- Allow adequate ventilation around the AC adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the AC adapter to a proper power source. The voltage and grounding requirements are found on the product case and/or packaging.
- Do not use the AC adapter if the cord becomes damaged.

- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.
- Specific models do not have the AC adapter and power cord as standard items. To purchase the AC adapter kit for your model, contact a Getac authorized distributor. (Check <https://www.getac.com/en/contact/> for contact information.)

About the Battery

Caution for service personnel: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

If the battery is mishandled, it may cause fire, smoke or an explosion and the battery's functionality will be seriously damaged. The safety instructions listed below must be followed.

Danger

- Do not charge/discharge or place the battery in high-temperature (more than 80 °C / 176 °F) locations, such as near a fire, heater, in a car in direct sunlight, etc.
- Do not use unauthorized chargers.
- Do not force a reverse-charge or a reverse-connection.
- Keep the system and battery away from an extremely low air pressure environment as it may result in an explosion or the leakage of flammable liquid or gas.

Warning

- Keep the battery away from infants.
- Stop using the battery if there are noticeable abnormalities such as abnormal smell, heat, deformities, or discoloration.
- Stop charging if the charging process cannot be finished.
- In case of a leaking battery, keep the battery away from flames and do not touch it.

Caution

- Do not use the battery where static electricity (more than 100V) exists that might damage the protection circuit of the battery.
- When children are using the system, parents or adults must ensure that they are using the system and battery correctly.
- Keep the battery away from flammable materials during charging and discharging.

Heat Related Concerns

Your device may become very warm during normal use. It complies with the user-accessible surface temperature limits defined by the International Standards for Safety. Still, sustained contact with warm surfaces for long periods of time may cause discomfort or injury. To reduce potential heat-related concerns, follow these guidelines:

- Keep your device and its AC adapter in a well-ventilated area when in use or charging. Allow for adequate air circulation under and around the device.
- Use common sense to avoid situations where your skin is in contact with your device or its AC adapter when it's operating or connected to a power source. For example, don't sleep with your device or its AC adapter, or place it under a blanket or pillow, and avoid contact between your body and your device when the AC adapter is connected to a power source. Take special care if you have a physical condition that affects your ability to detect heat against the body.
- If your device is used for long periods, its surface can become very warm. While the temperature may not feel hot to the touch, if you maintain physical contact with the device for a long time, for example if you rest the device on your lap, your skin might suffer a low-heat injury.
- If your device is on your lap and gets uncomfortably warm, remove it from your lap and place it on a stable work surface.
- Never place your device or AC adapter on furniture or any other surface that might be marred by exposure to heat since the base of your device and the surface of the AC adaptor may increase in temperature during normal use.

User Notification of Take-back Service

To Institutional (B2B) Users in United States:

Getac believes in providing our institutional customers with easy-to-use solutions to recycle your Getac-brand products for free. Getac understands the institutional customers will likely be recycling multiple items at once and as such. Getac wants to make the recycling process for these larger shipments as streamlined as possible. Getac works with recycling vendors with the highest standards for protecting our environment, ensuring worker safety, and complying with global environmental laws. Our commitment to recycling our old equipment grows out of our work to protect the environment in many ways.

Please see the product type below for information on Getac product, battery and packaging recycling in USA.

- **For Product Recycling:**
Your portable Getac products contain hazardous materials. While they pose no risk to you during normal use, they should never be disposed with other wastes. Getac provides a free take-back service for recycling your Getac products. Our electronics recycler will provide competitive bids for recycling non-Getac products as well.
- **For Battery Recycling:**
The batteries used to power your portable Getac products contain hazardous materials. While they pose no risk to you during normal use, they should never be disposed with other wastes. Getac provides a free take-back service for recycling your batteries from Getac products.
- **For Packaging Recycling:**
Getac has chosen the packaging materials used to transport our products carefully, to balance the requirements of shipping the product to you safely while minimizing the amount of material used. The materials used in our packaging are designed to be recycled locally.

If you have the above for recycling, please visit our website <https://us.getac.com/aboutgetac/environment.html>

ENERGY STAR



ENERGY STAR® is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Please reference ENERGY STAR® related information from <http://www.energystar.gov>.

As an ENERGY STAR® Partner, Getac Technology Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

An ENERGY STAR® qualified computer uses 70 % less electricity than computers without enabled power management features.

Earning the ENERGY STAR®

- When every home office is powered by equipment that has earned the ENERGY STAR®, the change will keep over 289 billion pounds of greenhouse gases out of the air.
- If left inactive, ENERGY STAR® qualified computers enter a low-power mode and may use 15 watts or less. New chip technologies make power management features more reliable, dependable, and user-friendly than even just a few years ago.
- Spending a large portion of time in low-power mode not only saves energy, but helps equipment run cooler and last longer.
- Businesses that use ENERGY STAR® enabled office equipment may realize additional savings on air conditioning and maintenance.

- Over its lifetime, ENERGY STAR® qualified equipment in a single home office (e.g., computer, monitor, printer, and fax) can save enough electricity to light an entire home for more than 4 years.
- Power management (“sleep settings”) on computers and monitors can result in much savings annually.

Remember, saving energy prevents pollution

Because most computer equipment is left on 24 hours a day, power management features are important for saving energy and are an easy way to reduce air pollution. By using less energy, these products help lower consumers’ utility bills, and prevent greenhouse gas emissions.

Getac Product Compliance

All Getac products with ENERGY STAR® logo comply with the ENERGY STAR® standard. By default, the device will sleep after 1 minute of inactivity and, if remaining idle for some time, will enter a deep sleep mode that saves more battery power. You can use **Settings** to configure various power management settings.

Please visit <http://www.energystar.gov/powermanagement> for detail information on power management and its benefits to the environment.

California Proposition 65

For California USA:

Proposition 65, a California law, requires warnings to be provided to California consumers when they might be exposed to chemical(s) identified by Proposition 65 as causing cancer and birth defects or other reproductive harm.

Almost all electronic products contain 1 or more of the chemicals listed under Proposition 65. This does not mean the products pose a significant risk of exposure. As the consumers have the right to know about the products they purchase, we are giving this warning on our packaging and user manual to keep our consumers well informed.



This product can expose you to chemicals including lead, TBBPA or formaldehyde, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov