



xPIM Forge Series

Recommended Android Setup Guide



Purpose

The following recommendations may improve the overall user experience when using xPIM on Android devices. Some settings may not be available or configurable due to your organization's security policies, mobile device management (MDM/EMM) platform, Android version, or device configuration.

Recommended Setup Checklist

- ☐  Battery life and charging recommendations, charge device fully before next shift.
- ☐  Confirm Lenovo charger and cable are available.
- ☐  Verify Adaptive Brightness is enabled, or change to higher brightness.
- ☐  Place the xPIM icon on Home Screen or Dock.
- ☐  If pairing with the xScale S200, scan the QR code below for step-by-step guidance.
- ☐  Configure preferred navigation mode.
- ☐  Verify Wi-Fi connectivity.
- ☐  Confirm xPIM is updated.



**Scan the QR code for the
xPIM to xScale Quick Pairing
Guide.**

Charging Recommendations

Recommended Charger

For optimal charging performance, use the Lenovo-supplied USB-C charger and cable. Third-party chargers may provide slower charging rates or may not support the device's maximum charging capabilities.

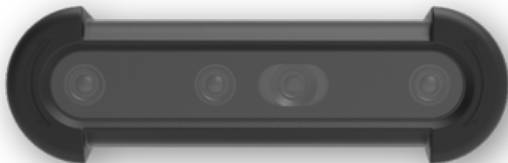


Battery Management

3D Camera Power Consumption

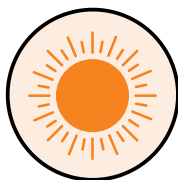
When a Forge Series tablet is in Sleep mode, the attached 3D camera may continue consuming power. Battery drain rates may vary depending on device configuration, camera model, usage patterns, and the length of time the device remains idle. **It could drain as much as 50% overnight if not plugged in while not in use.**

As a result, battery levels may decrease significantly even when the device is not actively being used.



Recommended Daily Charging Practice

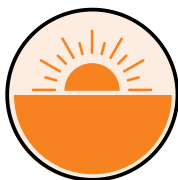
- Begin each shift with a fully charged device.
- Connect the device to power during extended breaks when practical.
- Charge the device at the end of each shift.
- Store the device connected to power when not in regular use.



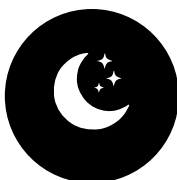
**Start
Shift**



Break
Connect if
Possible



**End
Shift**



**Overnight
Charging**

Battery runtime may vary based on screen brightness, wireless connectivity, camera usage, and environmental conditions.



MobileDemand estimates that the battery life should last up to 6 hours during an intense workload capturing dimensions and taking pictures of items every two minutes.

Failure to charge the device regularly may result in a depleted battery before the next shift.

Display Settings

Screen Timeout

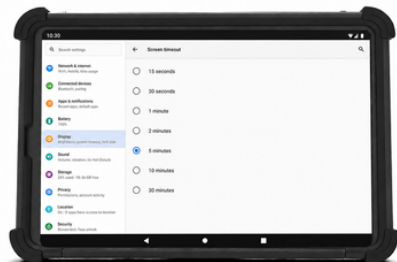
During active scanning and measurement workflows, frequent screen blanking may interrupt the user experience. Consider extending the screen timeout duration based on your organization's security requirements and operational needs.

Recommended Starting Point:

- 2 to 5 minutes for shared devices.
- Longer durations where permitted by company policy.

Tap Path:

Settings > Display > Screen Timeout



Screen Brightness

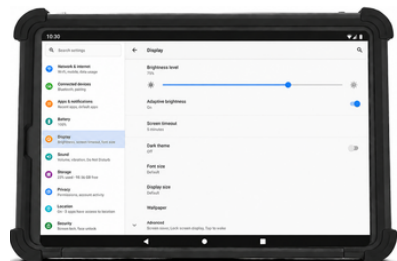
Forge series devices support Android Adaptive Brightness, which automatically adjusts screen brightness based on ambient lighting conditions.

Adaptive Brightness is enabled by default and is recommended for most users, as it provides a balance between screen visibility and battery life.

In bright warehouse or outdoor environments, users may choose to manually increase brightness to improve visibility. Higher brightness levels may reduce battery runtime.

Tap Path:

Settings > Display > Adaptive Brightness



Navigation Preferences

Navigation Mode

Android devices support both Gesture Navigation and 3-Button Navigation. For the best user experience, **we recommend using 3-Button Navigation**. It is easier for first-time users to navigate and may provide a better experience when using protective rugged cases. Users who prefer Gesture Navigation may continue to use it if desired.

Tap Path:

Settings > General Settings > System Navigation



Gesture Navigation



3- Button Navigation
(Preferred Method)

Home Screen & App Access

Adding xPIM to the Home Screen

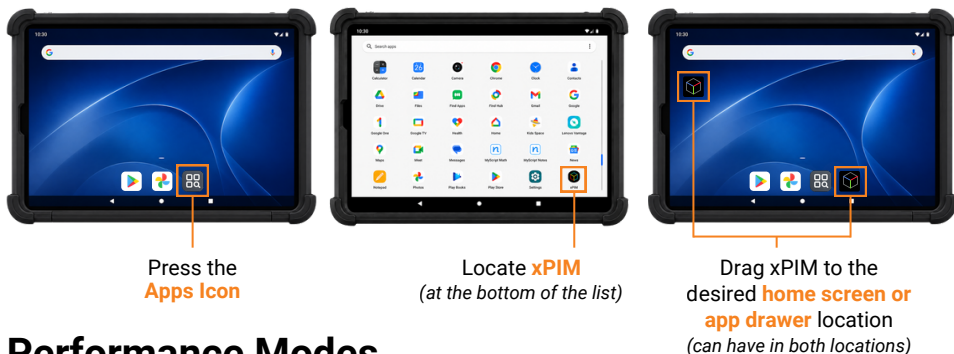
For quicker access, place the xPIM application icon on the device's primary Home Screen.

Users may also choose to place xPIM in commonly used application areas, such as the Android app dock, for faster access during daily operations.

Providing a consistent application location across devices can simplify training and reduce navigation time for new users.

Adding xPIM to the Home Screen or App Drawer:

- ① Return to the Android Home Screen so no applications are actively open.
- ② Press the Apps icon to open the App Drawer.
- ③ Scroll to the bottom of the app list and locate xPIM (apps are listed alphabetically).
- ④ Press and hold the xPIM icon.
- ⑤ Drag the icon to the desired home screen or app drawer location and release.
- ⑥ You can have the xPIM icon in both locations if preferred.



Performance Modes

Some Forge Series devices, such as the Lenovo Legion tablets, include optional performance modes designed primarily for gaming applications.

For typical xPIM workflows, **the default Balanced mode is recommended**. Higher performance modes may increase battery consumption without providing meaningful benefits during normal measurement, scanning, and imaging operations.

Organizations may evaluate alternative performance modes based on their specific use cases and battery life requirements.

Additional Recommendations



Wi-Fi Connectivity

For best performance, maintain a reliable Wi-Fi connection when uploading measurements, images, and session data.



Operating System Updates

Install Android and application updates according to your organization's IT policies to ensure access to the latest features, security updates, and performance improvements.

Application Updates

Ensure xPIM remains updated to the latest approved version provided by your organization.

By default, Android devices may automatically install application updates through the Google Play Store when updates become available. Organizations using Mobile Device Management (MDM) solutions may manage application deployment and update schedules according to their internal IT policies.

Users may also manually check for available updates through the Google Play Store when permitted by their organization's policies.

Tap Path:

Google Play Store > Profile Icon > Manage Apps & Device > Updates Available



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