

How to Install AOSP Android 9.0 Pie on Blackview BV9500 Pro [GSI Phh-Treble]

March 30, 2019 by Abd Razaaq

Here we will guide you on how to download and install **AOSP Android 9.0 Pie on Blackview BV9500 Pro** (MT6763). This ROM is based on **Android 9.0 Pie GSI with Treble Enabled**. GSI stands for a **Generic System image**. The moniker “Generic” implies that such software images could be installed on any Treble-enabled device, irrespective of the manufacturer they belong to. We already shared the complete list of devices supported for [Android Pie 9.0 Generic System image \(GSI\)](#).

Now we have good news for Blackview BV9500 Pro users. You can now download and install the AOSP Android Pie 9.0 GSI on Blackview BV9500 Pro. Full Credits to the XDA Recognized Developer [phhusson](#) who is the great man behind the work of Project Treble GSI build. Recently, The ROM development community has completely boosted Custom ROM development with the help of **Project treble**. We've seen the Lineage OS, Resurrection Remix, Mokee OS, Pixel Experience has made their way to support most of the budget device based on Kirin, Exynos, Lineage, and other obscure brands.

To install AOSP Android 9.0 Pie on Blackview BV9500 Pro, your device should have Bootloader Unlocked and should be running on the latest TWRP Recovery or you can flash via ADB sideload method. If you have all this, then you are good to try the new Android 9.0 Pie on your device. Follow our guide on how to upgrade, but before that. Let's understand the features of Android 9.0 Pie.

What's on Android 9.0 Pie?

Android 9.0 Pie is the 9th iteration and a major update of Google's Android OS. The new Android Pie brings a couple of design changes to the successor Android Oreo but the most notable one is the gesture-based navigation system. Other features of Android 9 Pie are New Quick Settings UI design, Redesigned volume slider, Advanced Battery with AI Support, Notch Support, Improved Adaptive Brightness, Manual theme selection, Android Dashboard which Google calls Digital Wellbeing, and more other features.

[su_youtube_advanced url="https://www.youtube.com/watch?v=-HSqeuLK4G0" controls="alt" rel="no"]

Guide to Install AOSP Android 9.0 Pie on Blackview BV9500 Pro

If you are looking to install the latest version of Android OS on your device, then please follow this guide below to enjoy Android 9.0 Pie update for Blackview BV9500 Pro.



GetDroidTips will not be responsible for any internal/external damages to the device that may happen while/after following this guide. This ROM may or may not be completely stable and we don't recommend you to try this ROM as a daily driver. So far this ROM worked smoothly on many devices.

Pre-Requisites:

- Supported on Blackview BV9500 Pro
- Charge your phone up to 50% or more.
- Take a complete backup of your phone data [Follow any method]
 - [How to Backup Your Android Phone Without ROOT](#)
 - [How to Backup Complete Stock or Custom ROM using TWRP recovery](#)
 - [Backup Your Android Apps and Data with Titanium Backup](#)
 - [How to Backup Your Android Phone Directly to PC with TWRP!!](#)
 - [How to Backup Your Data on Android device](#)
 - If you already have **TWRP**: then you can [Create and Restore Nandroid Backup via TWRP](#)
- Do a full data wipe in the stock recovery (this is mandatory, the twrp wipe will not work)
- Download [Blackview USB Drivers](#) and Install on your PC
- Install the latest [TWRP recovery on Blackview BV9500 Pro](#). [via TWRP Method]
- [Download ADB and Fastboot tool](#) [To flash via ADB Sideload Method]



Required ROM and Gapps Package:

- Download and Flash Latest TWRP Recovery 3.2.1-1 or higher
- Download GSI Treble Firmware Files Here: [Download](#) – Download ARM64
- Download [Android 9.0 Pie Gapps Package](#) or you can [download OpenGapps 9.0](#).



You need only the GAPPS version to download and install AOSP Android Pie. Vanilla is basically plain w/o GAPPS, and FLOSS is with Open Source alternatives to the GAPPS.

Instructions to Flash:

To flash the AOSP Android 9.0 Pie on Blackview BV9500 Pro, you can either use the TWRP Recovery method or you can flash via ADB Sideload method. If you already have, then make sure to download the above-given links.

Method 1: Install via TWRP Recovery

1. First of all, make sure to download and move all the above required ROM packages on your Blackview BV9500 Pro Internal storage.
2. You can now extract the GSI and vendor+boot zips [Complete Guide on [How to extract any Zip file on Android devices.](#)]
3. Now [reboot your phone into TWRP Recovery](#) and Swipe Allow Modifications (Appears for the first time only)
4. Once you are in TWRP Recovery, first of all. Take a [complete backup of stock or custom ROM using TWRP.](#)
5. Now wipe the cache, data, and system before flashing the Android Pie 9.0 on Blackview BV9500 Pro.
6. To Wipe data: Go to Wipe —> Advanced Wipe and select Dalvik/ART cache, cache, System, Vendor, and Data and then swipe to wipe. [su_note note_color="#fef0ef" text_color="#000000"]**Warning:** Make sure not to select Internal storage[/su_note]



7. Now you can install the System image file in TWRP: ***Install -> Install Image -> select system.img***



8. That's it! Reboot and enjoy!

Method 2: Install via ADB Sideload

—> [How to Install Generic System Image on Project Treble Devices](#)

I hope this guide was helpful to install the Android 9.0 Pie on Blackview BV9500 Pro based on Project Treble GSI images.



If this method doesn't work, then go to the AOSP 9.0 Phh-Treble [thread in XDA](#) and report your issue.

Source: [XDA](#) || Credits to [phhusson](#)