

**Android Pie Release Note**

**VER. 2.10**

**September 20, 2019**

**REVISION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Originator** | **Notes** |
| 1.00 | March 30, 2019 | TechNexion | tn-p9.0.0\_1.0.0\_8m-ga  First public release |
| 2.00 | July 30, 2019 | TechNexion | tn-p9.0.0\_2.0.0\_8m-ga  First public release |
| 2.10 | September 20, 2019 | TechNexion | tn-p9.0.0\_2.0.1\_8m-ga  tn-p9.0.0\_2.2.0-ga  First public release |

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# 1. Overview

## 1.1 Supported Hardware

Following Android Pie distribution is provided for Technexion platforms:

* PICO-IMX8M
  + PI baseboard
* PICO-IMX8MM
  + PI baseboard
* FLEX-IMX8MM
  + PI baseboard
* EDMI-MX8M
  + WIZARD baseboard
* PICO-IMX6
  + DWARF baseboard
  + HOBBIT baseboard
  + NYMPH baseboard
  + PI baseboard
* PICO-IMX7
  + DWARF baseboard
  + HOBBIT baseboard
  + NYMPH baseboard
  + PI baseboard

Each hardware has its own different functions and features, please refer the specifications first from Technexion official website if possible.

## 1.2 Package Content

The release package includes the following software and documents:

* Release Notes
* User Manual
* Prebuilt Image
* Installation Tools
* README file

# 2. Software Difference

Following Android Pie distribution is provided for Technexion platforms:

* IMX8 series:
* tn-p9.0.0\_2.0.1\_8m-ga:
  + 1. Add EDM-IMX8M support
    2. Fix 4GB DDR memory only shows 3GB DDR memory information issue
    3. Increase BT speed to 3Mbps
    4. A2DP audio function support
* tn-p9.0.0\_2.0.0\_8m-ga:

1. Add PICO-IMX8MM support
2. Add FLEX-IMX8MM support
3. Fix camera switch hang issue on two camera case
4. Add 5” ILI9881C MIPI panel support

* tn-p9.0.0\_1.0.0\_8m-ga:

First release

* IMX6/IMX7 series:
* tn-p9.0.0\_2.2.0-ga:

First release

# 4. Known Issues

The known issues about the hardware and hardware rework instructions are not included in this document.

**tn-p9.0.0\_2.0.1\_8m-ga: No known hardware issues**

**tn-p9.0.0\_2.0.0\_8m-ga: No known hardware issues**

**tn-p9.0.0\_1.0.0\_8m-ga:**

|  |  |
| --- | --- |
| Model | PICO-IMX8M with PI baseboard |

|  |  |  |
| --- | --- | --- |
| **Items** | **Issue description** | **Status** |
| 1 | Dual mipi camera is not stable in Camera app failed when switching front camera and rear camera. | WIP |
| 2 | ILI9881C 5-inch panel is not stable, sometimes appear flicking, wrong color display | WIP |