

# ***TechNexion***

INNOVATORS OF TECHNOLOGY

## **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

Table of Contents

1. Overview ..... 4

    1.1 Supported Hardware .....4

    1.2 Package Content .....4

2. Software Difference..... 5

4. Known Issues ..... 6

## 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
- EDM-IMX8M
  - 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