

# RN00201

## Android Release Notes

Rev. android-16.0.0\_1.0.0 — 28 October 2025

Release notes

### Document information

| Information | Content   |
|-------------|---|
| Keywords    | Android, i.MX, android-16.0.0_1.0.0   |
| Abstract    | i.MX android-16.0.0_1.0.0 is a release for Android 15 on the i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus, and i.MX 95 applications processors of NXP. |



## 1 Release Description

i.MX android-16.0.0\_1.0.0 is a release for Android 16 on the i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus, and i.MX 95 applications processors of NXP.

i.MX android-16.0.0\_1.0.0 release includes all necessary code, documents, and tools to assist users in building and running Android 15 on the i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Plus EVK, i.MX 8M Quad WEVK/EVK, i.MX 8ULP EVK i.MX 8QuadMax MEK, i.MX 8QuadXPlus MEK, i.MX 95 19x19 EVK, i.MX 95 15x15 EVK and i.MX 95 Verdin EVK. The corresponding release quality for each board is listed in the following table.

Table 1. Release description

| Platform name                 | Release quality |
|-------------------------------|-----------------|
| i.MX 8M Mini EVK              | GA              |
| i.MX 8M Nano EVK              | GA              |
| i.MX 8M Plus EVK              | GA              |
| i.MX 8M Quad WEVK/EVK         | GA              |
| i.MX 8ULP (A2 9x9) EVK        | GA              |
| i.MX 8ULP (A2) EVK            | GA              |
| i.MX 8QuadMax                 | GA              |
| i.MX 8QuadXPlus               | GA              |
| i.MX 95 (B0 19x19) EVK        | Beta            |
| i.MX 95 (B0 15x15) EVK        | Beta            |
| i.MX 95 (B0 19x19) Verdin EVK | Beta            |

The prebuilt images are also included for a quick trial on NXP i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Plus EVK, i.MX 8M Quad WEVK/EVK, i.MX 8ULP EVK, i.MX 8QuadMax MEK, i.MX 8QuadXPlus MEK, i.MX 95 19x19 EVK, i.MX 95 15x15 EVK, and i.MX 95 Verdin EVK Boards and Platforms.

This release includes all porting and enhancements based on the Android open source code.

Most of the deliveries in this release are provided in the source code with the exception for some proprietary modules/libraries from third parties.

## 2 Supported Hardware SoC/Boards

The supported hardware system-on-chip (SoCs)/boards are listed as follows:

- i.MX 8M Mini EVK  
Supported daughter boards:
  - With DDR4 RAM, ROHM BD71847 PMIC chip
  - With LPDDR4 RAM, NXP PCA9450 PMIC chip, and NXP 88W8987 Wi-Fi/Bluetooth module.Supported mother board:
  - Rev. C mother board
- i.MX 8M Nano EVK  
Supported daughter boards:
  - With DDR4 RAM, ROHM BD71847 PMIC chip
  - With LPDDR4 RAM, NXP PCA9450 PMIC chip, and NXP 88W8987 Wi-Fi/Bluetooth module

Supported mother board:

- Rev. C mother board
- i.MX 8M Plus (Silicon Revision A1) Rev. A EVK Board and Platform
- i.MX 8M Quad WEVK Rev. B and EVK Rev. A Board and Platform
- i.MX 8ULP (A2) EVK Board and Platform, i.MX 8ULP (A2) EVK 9x9 Board and Platform.
- i.MX 8QuadMax (Silicon Revision B0) MEK Board (Board Rev. B5, Rev. C2, and Rev. E) and Platform
- i.MX 8QuadXPlus (Silicon Revision B0 and C0) MEK Board and Platform
- i.MX 95 EVK Boards and Platforms.
  - i.MX 95 (Silicon Revision B0 19x19) EVK Board (Rev. A) and Platform.
  - i.MX 95 (Silicon Revision B0 15x15) EVK Board (Rev. A) and Platform.
  - i.MX 95 (Silicon Revision B0 19x19) Verdin EVK Board (v2.0) and Platform.

### 3 Release Package Contents

The android-16.0.0\_1.0.0 release package includes the following software and documents.

**Table 2. Release package contents**

|  |   |
|--|---|
| i.MX Android proprietary source code package | <ul style="list-style-type: none"> <li>• <code>imx-android-16.0.0_1.0.0.tar.gz</code>: i.MX Android proprietary source code package to enable Android on i.MX boards. For example, Hardware Abstraction Layer implementation, hardware codec acceleration.</li> </ul>   |
| Documents                                    | <p>The following documents are included in <code>android-16.0.0_1.0.0_docs.zip</code>:</p> <ul style="list-style-type: none"> <li>• <i>Android Quick Start Guide</i> (UG10157): A document that explains how to run the Android platform on an i.MX board using prebuilt images.</li> <li>• <i>Android User's Guide</i> (UG10156): A document describing procedures for configuring and building this release package.</li> <li>• <i>Android Release Notes</i> (RN00201): A document that introduces key updates and known issues in this release.</li> <li>• <i>i.MX Android Extended Codec Release Notes</i> (RN00202): A document that provides the extended codec information.</li> <li>• <i>i.MX Android Security User's Guide</i> (UG10158): A document that describes how to do customization work on security features supported by i.MX Android software.</li> <li>• <i>i.MX Graphics User's Guide</i> (UG10159): A document that describes GPU 2D API, Tools, Memory, and Application programming guidelines.</li> </ul>  |
| Prebuilt images                              | <p>You can test the Android platform with a prebuilt image on i.MX reference board before building any code:</p> <ul style="list-style-type: none"> <li>• <code>android-16.0.0_1.0.0_image_8mmevk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8M Mini EVK board.</li> <li>• <code>android-16.0.0_1.0.0_image_8mnevk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8M Nano EVK board.</li> <li>• <code>android-16.0.0_1.0.0_image_8mpevk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8M Plus EVK board.</li> <li>• <code>android-16.0.0_1.0.0_image_8mqevk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8M Quad WEVK/EVK board.</li> <li>• <code>android-16.0.0_1.0.0_image_8ulpevk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8ULP EVK board and i.MX 8ULP EVK 9x9 board.</li> <li>• <code>android-16.0.0_1.0.0_image_8qmek.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 8QuadMax MEK board and i.MX 8QuadXPlus MEK board.</li> <li>• <code>android-16.0.0_1.0.0_image_95evk.tar.gz</code>: Prebuilt images with NXP extended features for the i.MX 95 EVK, i.MX 95 15x15 EVK and i.MX 95 Verdin EVK board.</li> </ul> |

Table 2. Release package contents...continued

|  |  |
|--|--|
|  | All prebuilt images are in a separate package. See the <i>Android Quick Start Guide</i> (UG10157) and <i>Android User's Guide</i> (UG10156) to choose the appropriate image. |
|--|--|

## 4 Features

This section contains features in this package.

Table 3. Features

| Feature                                       | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x11 EVK/ Verdin EVK | Remarks   |
|---|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
| Google Android 16 release                     | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Based on the BP2A android-16.0.0_r1 release.  |
| Linux 6.12.38 kernel (merge with AOSP kernel) | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Based on the Linux OS BSP If-6.12.34-2.1.0 release.   |
| Generic Kernel Image (6.12.38)                | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Based on AOSP android16-6.12-2025-08_r3.  |
| U-Boot  | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | v2025.04.   |
| Trusty OS                                     | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Graphic-HW                                    | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | VeriSilicon GC7000NanoUltra GPU with the 6.4.11.p4 driver for i.MX 8M Mini EVK.<br>VeriSilicon GC7000UL GPU with 6.4.11.p4 driver for i.MX 8M Nano EVK and i.MX 8M Plus EVK.<br>VeriSilicon GC7000L GPU with 6.4.11.p4 driver for i.MX 8M Quad EVK.<br>VeriSilicon GCNANOULTRA31 GPU with 6.4.11.p4 driver for i.MX 8ULP EVK.<br>VeriSilicon GC7000XSVX GPU with 6.4.11.p4 driver FOR i.MX 8Quad Max.<br>VeriSilicon GC7000L GPU with 6.4.11.p4 driver for i.MX 8Quad XPlus.<br>Mali-G310 GPU with r54p1-11eac0 driver for i.MX 95 EVK. |
| Graphic-HW 3D acceleration                    | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | OpenGL ES1.1/2.0 through GC7000NanoUltra for i.MX 8M Mini EVK.<br>OpenGL ES1.1/2.0/3.1 through GC7000UL for i.MX 8M Nano EVK and i.MX 8M Plus EVK.<br>OpenGL ES1.1/2.0/3.1 through GC7000L for i.MX 8M Quad EVK.  |

Table 3. Features...continued

| Feature                                       | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x15 EVK/ Verdin EVK | Remarks   |
|---|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
|   |                  |                  |                  |                        |               |                    |                       |   | OpenGL ES1.1/2.0/3.1 through GCNANOULTRA31 for i.MX 8ULP EVK.<br>OpenGL ES 1.1/2.0/3.1/3.2 through GC7000XSVX for i.MX 8Quad Max MEK.<br>OpenGL ES 1.1/2.0/3.1 through GC7000L.<br>Vulkan 1.4 through Mali-G310 for i.MX 95 EVK.  |
| Android Neural Network API acceleration       | N                | Y                | Y                | Y                      | Y             | Y                  | Y                     | N                                       | Android Neural Network API 1.3 accelerated through GC7000UL for i.MX 8M Nano EVK.<br>Android Neural Network API 1.3 accelerated through GC7000L for i.MX 8M Quad EVK.<br>Android Neural Network API 1.3 accelerated through NPU for i.MX 8M Plus EVK.<br>Android Neural Network API 1.3 accelerated through GCNANOULTRA31 for i.MX 8ULP EVK<br>Android Neural Network API 1.3 accelerated through GC7000L for i.MX 8QuadXPlus.<br>Android Neural Network API 1.3 accelerated through GC7000 XSVX for i.MX 8QuadMax. |
| Graphic-HW accelerated UI surface composition | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | OpenGL ES2.0 through GC7000NanoUltra for i.MX 8M Mini EVK.<br>OpenGL ES3.1 through GC7000UL for i.MX 8M Nano EVK and i.MX 8M Plus EVK.<br>OpenGL ES3.1 through GC7000L for i.MX 8M Quad EVK.<br>OpenGL ES3.1 through GCNANOULTRA31 for i.MX 8ULP EVK.<br>OpenGL ES 3.2 through GC7000XSVX for i.MX 8Quad Max MEK.<br>OpenGL ES 3.1 through GC7000L for i.MX 8QuadXPlus MEK.<br>Vulkan 1.4 through Mali-G310 for i.MX 95 EVK.  |
| SCFW  | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | Version 1.18.0  |
| SECO firmware                                 | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | Version 3.8.5.  |

Table 3. Features...continued

| Feature       | i.MX 8M Mini EVK             | i.MX 8M Nano EVK             | i.MX 8M Plus EVK   | i.MX 8M Quad WEVK/ EVK  | i.MX 8ULP EVK    | i.MX 8Quad Max MEK  | i.MX 8 Quad XPlus MEK              | i.MX 95 19x19 EVK/15x1 EVK/ Verdin EVK  | Remarks  |
|---------------|------------------------------|------------------------------|--|---|------------------|---|------------------------------------|---|--|
| Boot source   | SD/ eMMC                     | SD/ eMMC                     | SD/ eMMC   | SD/ eMMC  | eMMC             | SD/ eMMC  | SD/ eMMC                           | SD/ eMMC  | -  |
| Splash Screen | Y                            | Y                            | Y  | Y   | Y                | Y   | Y                                  | Y   | -  |
| UI (input)    | Y                            | Y                            | Y  | Y   | Y                | Y   | Y                                  | Y   | USB Mouse and Multi-touch on the MIPI panel display.   |
| UI (display)  | MIPI-DSI-to-HDMI/ MIPI panel | MIPI-DSI-to-HDMI/ MIPI panel | HDMI/ MIPI-to-HDMI/ MIPI panel/ LVDS-to-HDMI/ LVDS panel/ dual channel LVDS to HDMI<br>The physical HDMI supports HDMI-CEC | HDMI/ MIPI-DSI-to-HDMI/ MIPI panel<br>The physical HDMI supports HDMI-CEC | HDMI/ MIPI/ EPDC | HDMI/ MIPI-to-HDMI/ MIPI-panel/ LVDS-to-HDMI Display<br>The physical HDMI supports HDMI-CEC | LVDS-to-HDMI/ MIPI-to-HDMI Display | MIPI-to-HDMI4 K/MIPI-to-HDMI/ LVDS-to-HDMI MI/MIPI Panel/ LVDS Panel/ BOE panel/10 inch panel | <p>i.MX 8M Mini EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• MIPI-to-HDMI: 1920 x 1080</li> <li>• MIPI Panel: 1080 x 1920</li> </ul> <p>i.MX 8M Nano EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• MIPI-to-HDMI: 1920 x 1080</li> <li>• MIPI Panel: 1080 x 1920</li> </ul> <p>i.MX 8M Plus EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• Physical HDMI: 3840 x 2160</li> <li>• MIPI-to-HDMI: 1920 x 1080</li> <li>• LVDS-to-HDMI: 1280 x 720</li> <li>• LVDS panel: 1920 x 1200</li> <li>• MIPI panel: 1080 x 1920</li> <li>• Dual-channel LVDS to HDMI: 1920 x 1080</li> </ul> <p>i.MX 8M Quad EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• Physical HDMI: 3840 x 2160</li> <li>• MIPI-to-HDMI: 1280 x 720</li> <li>• MIPI panel: 1080 x 1920</li> </ul> <p>i.MX 8ULP EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• HDMI: 720 x 480</li> <li>• MIPI: 720 x 1280</li> <li>• EPDC: 1024 x 758</li> </ul> <p>i.MX 8Quad Max MEK maximum resolution:</p> <ul style="list-style-type: none"> <li>• physical HDMI: 3840 x 2160</li> <li>• LVDS-to-HDMI/MIPI-to-HDMI: 1920 x 1080</li> <li>• MIPI panel: 1080 x 1920</li> </ul> <p>i.MX 8QuadXPlus MEK maximum resolution:</p> <ul style="list-style-type: none"> <li>• LVDS-to-HDMI/MIPI-to-HDMI: 1920 x 1080</li> </ul> <p>i.MX 95 EVK maximum resolution:</p> <ul style="list-style-type: none"> <li>• MIPI-to-HDMI4K: 3840 x 2160</li> <li>• MIPI-to-HDMI: 1920 x 1080</li> <li>• LVDS-to-HDMI: 1920 x 1080</li> <li>• MIPI Panel: 1080 x 2340</li> <li>• LVDS Panel: 1920 x 1200</li> <li>• BOE panel: 1280 x 800</li> </ul> |

Table 3. Features...continued

| Feature                    | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x19 EVK/ Verdin EVK | Remarks   |
|----------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
|                            |                  |                  |                  |                        |               |                    |                       |   | <ul style="list-style-type: none"> <li>10-inch panel: 1280 x 800</li> </ul>   |
| UI (multiple displays)     | N                | N                | Y                | Y                      | N             | Y                  | Y                     | Y/N/N                                   | <p>i.MX 8M Plus EVK supports the combination of 2 to 3 of the following displays:</p> <ul style="list-style-type: none"> <li>MIPI-to-HDMI</li> <li>HDMI</li> <li>LVDS-to-HDMI</li> </ul> <p>i.MX 8M Quad EVK supports MIPI-to-HDMI and HDMI displays.</p> <p>i.MX 8Quad Max MEK supports the combination of 2 to 4 of the following 4 displays:</p> <ul style="list-style-type: none"> <li>HDMI_TX</li> <li>LVDS0_CH0</li> <li>LVDS1_CH0</li> <li>MIPI_DS11</li> </ul> <p>and the combination of 2 to 4 of the following 4 displays:</p> <ul style="list-style-type: none"> <li>LVDS0_CH0</li> <li>LVDS1_CH0</li> <li>MIPI_DS10</li> <li>MIPI_DS11</li> </ul> <p>i.MX 8QuadXPlus MEK supports dual LVDS-to-HDMI displays.</p> <p>i.MX 95 EVK supports dual LVDS-to-HDMI displays, MIPI-to-HDMI, and LVDS-to-HDMI multiple displays.</p> |
| UI (brightness control)    | Y                | Y                | Y                | Y                      | Y             | Y                  | N                     | Y                                       | <p>With MIPI panel display for all boards.</p> <p>With LVDS panel display for i.MX 8M Plus EVK and i.MX 95 EVK.</p>   |
| UI-Low Power Display (LPD) | N                | N                | N                |                        | Y             | N                  | N                     | N                                       | Shares display with the RTD core.   |
| Storage - External Media   | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | <p>i.MX 8M Mini EVK and i.MX 8M Nano EVK support U-disk on the USB 2.0 port.</p> <p>i.MX 8M Plus EVK and i.MX 8M Quad EVK support U-disk on the USB Type-A host port.</p> <p>i.MX 8ULP EVK supports U-disk on the USB 0 port and USB 1 port.</p> <p>i.MX 8Quad Max MEK, i.MX 8 QuadXPlus MEK, and i.MX 95 EVK support U-disk on the USB 2.0 port.</p>   |
| Connectivity - Ethernet    | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | For i.MX 8M Plus EVK, ENET1 port is the default Ethernet port.  |

Table 3. Features...continued

| Feature                                      | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x19 EVK/ Verdin EVK | Remarks  |
|--|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|--|
| Connectivity - Bluetooth wireless technology | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Hardware: <ul style="list-style-type: none"> <li>NXP 88W8987 for i.MX 8M Mini EVK LPDDR4 board, i.MX 8M Nano EVK LPDDR4 board</li> <li>NXP 88W8997 for i.MX 8M Plus EVK.</li> <li>PCIE9098 (Murata LBEE5 ZZ1XL) for i.MX 8M Quad EVK Rev. A board, i.MX 8Quad Max MEK and i.MX 8 QuadXPlus MEK.</li> <li>NXP IW416 (v2) for i.MX 8ULP EVK board.</li> <li>PCIE9098/SDIW612 for i.MX 95 EVK.</li> </ul> Profiles: <ul style="list-style-type: none"> <li>A2DP Source</li> <li>AVRCP</li> <li>BLE Host</li> <li>HSP</li> <li>HID Host</li> <li>HID Device</li> <li>PAN</li> <li>OPP</li> </ul> |
| Connectivity - Wi-Fi                         | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Hardware: <ul style="list-style-type: none"> <li>NXP 88W8987 for i.MX 8M Mini EVK LPDDR4 board, i.MX 8M Nano EVK LPDDR4 board.</li> <li>NXP 88W8997 for i.MX 8M Plus EVK board.</li> <li>PCIE9098 (Murata LBEE5 ZZ1XL) for i.MX 8MQuad EVK Rev. A board, i.MX 8Quad Max MEK and i.MX 8 QuadXPlus MEK board.</li> <li>NXP IW416 (v2) for i.MX 8ULP EVK board.</li> <li>PCIE9098/SDIW612 for i.MX 95 EVK.</li> </ul> Features: <ul style="list-style-type: none"> <li>STA mode</li> <li>AP mode</li> <li>Wi-Fi Direct</li> <li>AP/STA Concurrency</li> <li>MAC randomization</li> </ul>        |
| Connectivity - USB Tethering                 | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Supports Wi-Fi and Ethernet as upstream.   |
| Power - CPU Freq                             | Y                | Y                | Y                | Y                      | N             | Y                  | Y                     | Y                                       | -  |



Table 3. Features...continued

| Feature                 | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x15 EVK/ Verdin EVK | Remarks   |
|-------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
| Power - Bus Freq        | Y                | Y                | Y                | Y                      | N             | Y                  | Y                     | Y                                       | -   |
| ISP                     | N                | N                | Y                | N                      | N             | N                  | N                     | Y                                       | VeriSilicon ISP8000NANO_V1802 with 4.2.2.p25.3 driver/ server for i.MX 8M Plus EVK. Supports AWB/AGC/AEC for i.MX 95 EVK.   |
| Media - Music Play      | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | SSI+WM8524 for i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Quad EVK, and i.MX 95 EVK.<br>SSI+WM8960+PCM512 (for powersave image) for i.MX 8M Plus EVK.<br>SSI+WM8960 for i.MX 8ULP EVK.<br>WM8960+CS42888+HDMI for i.MX 8Quad Max MEK.<br>WM8960+CS42888 for i.MX 8 QuadXPlus MEK.  |
| Media - Sound Record    | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | PDM for i.MX 8M Mini EVK, i.MX 8M Nano EVK.<br>AK5558 for i.MX 8M Quad EVK.<br>SSI+WM8960+PDM for i.MX 8M Plus EVK.<br>SSI+WM8960 for i.MX 8ULP EVK.<br>ESAI+CS42888 for i.MX 8Quad Max MEK and i.MX 8Quad XPlus MEK.<br>WM8962+PDM for i.MX 95 EVK.  |
| Media-Compress Playback | N                | N                | Y                | N                      | N             | Y                  | Y                     | N                                       | Compress MP3 playback through SOF (Sound Open Firmware)   |
| Media - Video Play      | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | For i.MX 8M Mini, i.MX 8M plus, i.MX 8M Quad, i.MX 8 QuadMax, and i.MX 8Quad XPlus, which have VPU integrated, see the <i>i.MX Android Extended Codec Release Notes</i> (RN00202) to find the information about the supported format, resolution, frame rate, and bit rate.<br>For i.MX 8M Nano and i.MX 8ULP, which do not have VPU integrated, the video playback is supported by Google software decoder.<br>For i.MX 8QuadMax, i.MX 8 QuadXPlus, and i.MX 95, if Trusty OS is used, see Section |

Table 3. Features...continued

| Feature                        | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x19 EVK/ Verdin EVK | Remarks   |
|--------------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
|                                |                  |                  |                  |                        |               |                    |                       |   | "Secure firmware loader" in the <i>i.MX Android Security User's Guide</i> (UG10158) to flash the keys related to the firmware loader manually so that the video can play back normally.   |
| Media-HDR Video Play           | N                | N                | N                | Y                      | N             | N                  | N                     | N                                       | -   |
| Media - Camera                 | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | <p>OV5640 CSI MIPI camera for i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Quad EVK, i.MX 8ULP EVK, i.MX 8Quad Max MEK, and i.MX 8Quad XPlus MEK.</p> <p>For i.MX 8M Plus EVK:</p> <ul style="list-style-type: none"> <li>Two Basler cameras (maximum resolution 1920 x 1080)</li> <li>Basler + OV5640 (Basler maximum resolution 3840 x 2160 depends on the boot parameter)</li> <li>Single Basler (maximum resolution 3840 x 2160 depends on the boot parameter)</li> <li>Single OV5640</li> <li>Two OS08A20 (maximum resolution 1920 x 1080)</li> <li>Single OS08A20 (maximum OS08A20 resolution can reach 3840 x 2160, depending on the boot parameter)</li> </ul> <p>For i.MX 95 EVK:</p> <ul style="list-style-type: none"> <li>OS08A20 or AP1302</li> </ul> |
| Media - Camera DeviceAs Webcam | Y                | Y                | N                | Y                      | Y             | Y                  | Y                     | Y                                       | <p>Supports MJPEG 1080p and MJPEG 720p streams on i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Plus EVK, i.MX 8M Quad EVK, i.MX 8Quad Max MEK, i.MX 8Quad XPlus MEK, and i.MX 95 EVK. Supports MJPEG 480p stream on i.MX 8ULP EVK. For i.MX 8M Quad, it is only supported on the EVK board, not on the WEVK board.</p>   |
| Media HDMI RX                  | N                | N                | N                | N                      | N             | Y                  | N                     | N                                       | -   |
| Media - TVIN                   | N                | N                | N                | N                      | N             | N                  | N                     | N                                       | -   |
| Media - Dual Camera            | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | For i.MX 95 EVK:  |

Table 3. Features...continued

| Feature                   | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x19 EVK/ Verdin EVK | Remarks   |
|---------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
|                           |                  |                  |                  |                        |               |                    |                       |   | <ul style="list-style-type: none"> <li>OS08A20 or AP1302 + USB camera</li> </ul>  |
| Media - Camcorder         | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Media - USB Camera        | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | USB camera supports C920, C930, and C270 for i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Quad EVK, i.MX 8M Plus EVK, i.MX 8Quad Max MEK, i.MX 8QuadXPlus MEK, and i.MX 95 EVK.<br>USB camera supports C270 for i.MX 8ULP EVK. It can only work with the Camera2 Basic application.          |
| Media - USB Mic           | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Media - HDMI audio output | N                | N                | Y                | Y                      | Y             | Y                  | N                     | N                                       | -   |
| Media-DSD Playback        | Y                | N                | N                | Y                      | N             | N                  | N                     | Y                                       | DSD playback on Audio Expansion Board.  |
| Media-PlayReady DRM       | N                | N                | N                | N                      | N             | N                  | N                     | N                                       | -   |
| Media-WideVine DRM        | N                | N                | Y                | Y                      | N             | Y                  | Y                     | Y                                       | Supports WideVine DRM Level 1 and Level 3 for i.MX 8M Plus EVK, i.MX 8M Quad EVK, i.MX 8Quad Max MEK, i.MX 8Quad XPlus MEK, and i.MX 95 EVK. Widevine CDM version 19.5 and OPK version 19.5.  |
| Media-MCU Playback        | Y                | N                | Y                | N                      | Y             | N                  | N                     | Y/N/N                                   | Audio playback based on: <ul style="list-style-type: none"> <li>FreeRTOS on the Cortex-M4 core for i.MX 8M Mini EVK and i.MX 95 EVK.</li> <li>FreeRTOS on the Cortex-M7 core for i.MX 8M Nano EVK.</li> <li>FreeRTOS on Cortex-M33 core for i.MX 8ULP EVK and i.MX 95 19x19 EVK.</li> </ul> |
| Media-Audio HAT           | N                | N                | N                | N                      | N             | N                  | N                     | N/Y/N                                   | -   |
| Media-MQS audio output    | N                | N                | N                | N                      | N             | N                  | N                     | N/Y/N                                   | -   |
| Media-Hi-Res audio output | Y                | N                | N                | Y                      | N             | Y                  | Y                     | Y                                       | High-resolution audio output from Audio Expansion Board for i.MX 8M Mini EVK, i.MX 8M Quad EVK, and i.MX 95 EVK: <ul style="list-style-type: none"> <li>2-channel: 384000, 768000 sampling rate</li> </ul>  |

Table 3. Features...continued

| Feature                   | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x19 EVK/ Verdin EVK | Remarks   |
|---------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
|                           |                  |                  |                  |                        |               |                    |                       |   | <ul style="list-style-type: none"> <li>4-channel: 48000, 96000, 192000, 384000, 768000 sampling rate</li> <li>6-channel: 48000, 96000, 192000, 384000 sampling rate</li> <li>8-channel: 48000, 96000, 192000, 384000, 768000 sampling rate</li> </ul> For i.MX 8Quad Max MEK and i.MX 8QuadXPlus MEK: <ul style="list-style-type: none"> <li>4/6/8-channel: 48000, 96000, 192000 sampling rate</li> </ul> |
| Media-Play Ready DRM      | N                | N                | N                | N                      | N             | N                  | N                     | N                                       | -   |
| Media-Wide Vine DRM       | N                | N                | N                | N                      | N             | N                  | N                     | Y                                       | Supports WideVine DRM Level 1 and Level 3, Widevine CDM version 18.0 and OPK version 18.4.  |
| Misc - ADB over USB       | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Misc - Fastboot utility   | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Misc - Factory reset      | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Misc-Recovery mode        | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Supports installing updates and wiping data.  |
| Powerkey-Suspend & Resume | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Battery-Charger mode      | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Sensor - Magnetometer     | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | FXOS8700  |
| Sensor - Accelerometer    | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | FXOS8700  |
| Sensor - Gyroscope        | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | FXAS2100  |
| Sensor - Light            | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | ISL29023  |
| Sensor - Pressure         | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | MPL3115   |
| Sensor - Temperature      | N                | N                | N                | N                      | N             | Y                  | Y                     | N                                       | MPL3115   |
| Sensor - Pedometer        | N                | N                | N                | N                      | Y             | N                  | N                     | N                                       | -   |
| File Based Encryption     | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |

Table 3. Features...continued

| Feature                | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x15 EVK/ Verdin EVK | Remarks   |
|------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|---|
| USB Accessory          | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Google AOA v2.0   |
| USB-MTP                | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| USB-PTP                | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| USB-MIDI               | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Real Time Clock (RTC)  | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Screen Recording       | N                | N                | N                | N                      | N             | N                  | N                     | Y                                       |   |
| Ethernet APK           | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | N                                       | -   |
| imx-chip-tool APK      | N                | Y                | N                | N                      | N             | N                  | N                     | N                                       | Supports Matter devices control tool <code>imx-chip-tool apk</code> .   |
| webGL                  | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| Vulkan                 | N                | Y                | Y                | Y                      | Y             | Y                  | Y                     | N                                       | Version 1.3 for i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8Quad Max, and i.MX 8QuadXPlus.<br>Version 1.4 for i.MX 95.   |
| Neural Networks        | N                | N                | N                | N                      | N             | N                  | N                     | N                                       | -   |
| OTA for A/B            | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Supports OTA with secure boot and encrypted boot.   |
| USB Type-C PD          | Y                | Y                | Y                | Y                      | N             | Y                  | Y                     | Y                                       | Supports power role switch with devices that support USB power delivery.  |
| DM Verity              | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| TEE backed Keymint HAL | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | This is based on i.MX Trusty OS TEE firmware.   |
| TEE backed AVB         | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | This is based on i.MX Trusty OS TEE firmware and secure storage of eMMC chip. In this release, users need to initialize the RPMB part manually.   |
| Neural Networks        | N                | Y                | Y                | Y                      | Y             | Y                  | Y                     | N                                       | -   |
| Secure boot            | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Secure boot based on HABv4 for i.MX 8M Mini EVK, i.MX 8M Nano EVK, i.MX 8M Plus EVK, i.MX 8M Quad EVK, and i.MX 95 EVK.<br><br>Secure boot based on AHAB for i.MX 8ULP EVK, i.MX 8Quad Max MEK, and i.MX 8 QuadXPlus MEK. |
| Encrypted boot         | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | -   |
| TEE backed security    | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | This is based on the i.MX Trusty OS TEE firmware.   |

Table 3. Features...continued

| Feature                     | i.MX 8M Mini EVK | i.MX 8M Nano EVK | i.MX 8M Plus EVK | i.MX 8M Quad WEVK/ EVK | i.MX 8ULP EVK | i.MX 8Quad Max MEK | i.MX 8 Quad XPlus MEK | i.MX 95 19x19 EVK/15x15 EVK/ Verdin EVK | Remarks  |
|-----------------------------|------------------|------------------|------------------|------------------------|---------------|--------------------|-----------------------|---|--|
| Software backed OEM unlock  | Y                | Y                | Y                | Y                      | Y             | Y                  | Y                     | Y                                       | Supports software backed OEM Lock AIDL and store the <code>oem unlocking flag</code> to the <code>fbmisc</code> partition. |
| Virtualization Android      | N                | N                | N                | N                      | N             | N                  | N                     | Y                                       | Supports virtualization Android on i.MX 95 Xen.  |
| EdgeLock Secure Enclave HAL | N                | N                | N                | N                      | N             | N                  | N                     | Y                                       | Supports EdgeLock Secure Enclave (ELE) HAL.  |

## 5 Multimedia Codecs

For multimedia codecs and features, see the *i.MX Android Extended Codec Release Notes* (RN00202).

## 6 Extended Features

An enhanced multimedia experience is available for the Android platform.

This release delivers an error-resilient, feature-rich multimedia solution by extending the existing multimedia features of the Android platform and introduces additional features. Extended codec packages are provided on [nxp.com](http://nxp.com) with controlled access because they require additional licensing by a third party. Contact your sales representative for access.

For detailed extended and additional features, see the *i.MX Android Extended Codec Release Notes* (RN00202).

## 7 Change Logs

Compared to the android-15.0.0\_2.0.0 release, android-16.0.0\_1.0.0 release has the following major changes:

- Upgraded the Android code base from BP1A android-15.0.0\_r26 to BP2A android-16.0.0\_r1.
- Upgraded the i.MX kernel from v6.12.23 to v6.12.38.
- Upgraded the GKI kernel from android16-6.12 to android16-6.12-2025-08\_r3.
- Supports i.MX 95 B0 19x19 Verdin EVK.
- Wi-Fi/Bluetooth integrated WCS 25Q3 release.
- Upgraded the STS tool to 16\_sts-r40, upgraded the CTS tool to 16\_r2, and upgraded the VTS tool to 16\_r1 based on the AOSP android-vts-16.0\_r1 tag.
- Upgraded the Mali GPU driver and `wsialloc` from r54p0 to r54p1.
- Upgraded the VeriSilicon GPU driver from 6.4.11.p3 to 6.4.11.p4.
- Upgraded ISP from 4.2.2\_p25.2 to 4.2.2\_p25.3.
- Integrated the Trusty OS project into the Android project.
- Upgraded the thermal HAL to V3.
- Upgraded the Hardware Composer HAL to V4.
- Upgraded the KeyMint HAL to V4.
- Upgraded Widevine CDM from v19.0.1 to v19.5.

- Enabled Widevine provision 4.0 feature, and changed the provision method from keybox 2.0 to BCC 4.0.
- Dropped the Widevine L3 feature on i.MX 8M Mini EVK.
- Enabled the Linux logo based on GKI.
- Enabled desktop windowing mode.

## 8 Known Issues and Limitations

The known issues about the hardware and hardware rework instructions are not included in this document. There may be hardware-related reference materials for some reference boards. Make sure to check the link [i.MX Application Processors](#) to see if it is applicable.

Table 4. Known issues and limitations

| Issue description  | Remarks  |
|--|--|
| The Google USB driver must be installed multiple times for the MTP, PTP, MTP&ADB, PTP&ADB, and ADB function settings.  | Some Windows XP environments may display MTP and PTP windows even with only PTP enabled in the device.   |
| U-Boot hangs when erasing Kingston SD card.  | U-Boot hangs when sending the erase command on some Kingston SD cards.   |
| Manufacturing protection feature is not supported on i.MX 8ULP and i.MX 95, so features that require the manufacturing protection public key like secure unlock and secure provisioning would not be supported.  | -  |
| For i.MX 95 EVK, the USB-Type C port vbus is connected to a 3.3-V power source. Once it is connected to the host and successfully enumerated by the host, the gadget stage is changed to be configured, and the USB HAL acquires its wakelock. Disconnection from the host does not generate a disconnection interrupt. The gadget state keeps unchanged, and the USB HAL does not release its wakelock. | -  |
| The i.MX 95 EVK sometimes cannot be powered on by the power switch or PDU due to the PMIC hardware issue.  | -  |
| The i.MX 8MQuad WEVK/EVK AUDIO input feature is disabled by default because it does not have an audio input device.  | <div>To enable it with an audio board, set the following bootargs in U-Boot.<pre>setenv append_bootargs androidboot.audio.tinyalsa.simulate_input=false saveenv</pre></div>  |
| If the USB camera is declared to be supported, the CTS test requires a USB camera to be connected.   | <div>To remove the limitation, export an enviroment variable with the command <code>export PERMISSION_EXTCAM=false</code> when building the image to not include <code>android.hardware.camera.external.xml</code> under <code>/vendor/etc/permissions</code>. For details, see section "Customized configuration" in the <i>Android User's Guide</i> (UG10156).</div> |

## 9 Revision History

### Revision history

| Document ID                    | Release date    | Description  |
|--------------------------------|-----------------|--|
| RN00201 v.android-16.0.0_1.0.0 | 28 October 2025 | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, and i.MX 95 Beta release.  |
| RN00201 v.android-15.0.0_2.0.0 | 24 July 2025    | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, i.MX 95 19x19 EVK Beta release, and i.MX 95 15x15 EVK Alpha release.   |
| RN00201 v.android-15.0.0_1.2.0 | 11 April 2025   | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, and i.MX 95 Beta release.  |
| RN00201 v.android-15.0.0_1.0.0 | 24 January 2025 | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, and i.MX 95 Beta release.  |
| RN00201 v.android-14.0.0_2.2.0 | 18 October 2024 | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, i.MX 95 (A1 15x15) Alpha release, and i.MX 95 (A1 19x19) Beta release. |
| RN00201 v.android-14.0.0_2.0.0 | 9 August 2024   | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8ULP, i.MX 8QuadMax, i.MX 8QuadXPlus GA release, and i.MX 95 Alpha release.<br>Updated the document ID.                 |
| ARN v.android-14.0.0_1.2.0     | 19 April 2024   | i.MX 8ULP EVK, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.  |
| ARN v.android-14.0.0_1.0.0     | 6 February 2024 | i.MX 8ULP EVK, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.  |
| ARN v.android-13.0.0_2.2.0     | 24 October 2023 | i.MX 8ULP EVK, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.  |
| ARN v.android-13.0.0_2.0.0     | 07/2023         | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.   |
| ARN v.android-13.0.0_1.2.0     | 03/2023         | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.   |
| ARN v.android-13.0.0_1.0.0     | 01/2023         | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.   |
| ARN v.android-12.1.0_1.0.0     | 10/2022         | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.   |
| ARN v.android-12.0.0_2.0.0     | 07/2022         | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release.   |



## Revision history...continued

| Document ID                | Release date | Description   |
|----------------------------|--------------|---|
| ARN v.android-12.0.0_1.0.0 | 03/2022      | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release.  |
| ARN v.android-11.0.0_2.6.0 | 01/2022      | i.MX 8ULP EVK Beta release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release.  |
| ARN v.android-11.0.0_2.4.0 | 10/2021      | i.MX 8ULP EVK Alpha release, i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release. |
| ARN v.android-11.0.0_2.2.0 | 07/2021      | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release.                              |
| ARN v.android-11.0.0_2.0.0 | 04/2021      | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Plus, and i.MX 8M Quad GA release.                              |
| ARN v.android-11.0.0_1.0.0 | 12/2020      | i.MX 8M Plus EVK Beta release, and all the other i.MX 8 GA release.                                 |
| ARN v.android-10.0.0_2.3.0 | 07/2020      | i.MX 8M Plus EVK Beta1 release, and all the other i.MX 8 GA release.                                |
| ARN v.android-10.0.0_2.0.0 | 05/2020      | i.MX 8M Mini, i.MX 8M Nano, i.MX 8M Quad, i.MX 8Quad Max, and i.MX 8QuadXPlus GA release.           |
| ARN v.android-10.0.0_2.1.0 | 04/2020      | i.MX 8M Plus Alpha and i.MX 8QuadXPlus Beta release.  |
| ARN v.android-10.0.0_1.0.0 | 03/2020      | Deleted the Android 10 image.   |
| ARN v.android-10.0.0_1.0.0 | 02/2020      | i.MX 8M Mini, i.MX 8M Quad, i.MX 8QuadMax, and i.MX 8QuadXPlus GA release.                          |
| ARN v.P9.0.0_2.0.0-ga      | 08/2019      | Updated the location of the SCFW porting kit.   |
| ARN v.P9.0.0_2.0.0-ga      | 04/2019      | i.MX 8M, i.MX 8QuadMax, i.MX 8QuadXPlus GA release.   |
| ARN v.P9.0.0_1.0.0-ga      | 01/2019      | i.MX 8M, i.MX 8QuadMax, i.MX 8QuadXPlus GA release.   |
| ARN v.P9.0.0_1.0.0-beta    | 11/2018      | Initial release   |

## Legal information

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