

# Ubuntu for Renesas RZ/V2L - AI-enabled image

Release Note (x09)

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# Purpose

The Ubuntu Server 24.04 image is the Early Access image for the RZ/V2L platform.

Certification for the RZ/V2L platform is **in progress** and will be provided in a future update. Until certification is completed, the image may be used on RZ/V2L for **development and evaluation purposes**.

The kernel included in this release is intended only for testing purposes.

Production deployments on RZ/V2L are recommended once Ubuntu Certification becomes available.

Production deployments and distribution of Ubuntu images requires purchasing [Ubuntu Pro](#). [Contact Canonical](#) for further information

The Desktop image is a reference image of Ubuntu on Renesas RZ/V2L IoT Platforms for development and evaluation purposes.

Please note that, due to memory requirements of Ubuntu Desktop (minimum 4 GB RAM for 24.04), RZ/V2L evaluation kit is not Ubuntu Desktop Certified. Desktop images on these devices are therefore not recommended for production use.

For production deployments, Ubuntu Server image is recommended

## Image download and Installation instructions

Refer to <https://ubuntu.com/download/renesas-iot> and download the latest image installation instructions for the target platform.

## Tested Hardware Platforms

- Renesas RZ/V2L

## List of Features enabled in this release

Devices/ Features	Features Description	Feature Implementation status
		RZ/V2L
Bootloader	Provided by Renesas	Supported
GPU	Supported with mesa	Supported
microSD card	microSD card reader on the carrier board	Supported
Display	microHDMI	Supported
Ethernet		Supported
USB-A		Supported
Camera		Supported
DRP-AI		Enabled

## Known Issues

- IP not assigned on second reboot due to changing MAC
  - This affected EVK that didn't have a permanent MAC configured.
  - Workaround: Refer to Section 3. Tips in [image installation instruction](#)
- [Ubuntu Desktop] Audio is not working on Desktop environment
- Secure Boot and FDE require the secure component in the SoC and explicit setup. Please contact Canonical for more information.