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## X-LINUX-AI licenses



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## Contents

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CLASSIFICATION: CONFIDENTIAL / REVISION: 003/2021 / 10/21

A quality version of this page, approved on 7 *September 2021*, was based off this revision.



## 1 rootfs partition

Recipe Name	Package Name	Version	Copyright	License	Description
arm-compute-library	arm-compute-library	21.05	Arm Limited	MIT	arm compute library
armnn	armnn	21.05	Arm Limited	MIT	armNN inference engine
armnn	armnn-tensorflow-lite	21.05	Arm Limited	MIT	armNN TensorFlow Lite parser
opencv	libopencv-core	4.1.0	Intel Corporation Willow Garage Inc. NVIDIA Corporation Advanced Micro Devices, Inc. OpenCV Foundation Itseez Inc. Xperience AI Shenzhen Institute of Artificial Intelligence and Robotics for Society Third party copyrights are property of their respective owners.	BSD-3-Clause	Open source computer vision core framework
			Numpy Developers Ian Bicking and Contributors Dean Edwards Enthought, Inc the Sphinx team Junio C Hamano Pauli Virtanen The Android Open Source Project Mark Wiebe Jim Hugunin Ryan Juckett Sun Microsystems, Inc David Schultz Stephen Montgomery-Smith		



Recipe Name	Package Name	Version	Copyright	License	Description
python3-numpy	python3-numpy	1.17.4	ridiculous_fish Kim Walisch Pearu Peterson Absoft Corporation Jeff Bezanson Stefan Karpinski Viral B. Shah Melissa O'Neill Robert Kern D. E. Shaw Research Jean-Sebastien Roy Makoto Matsumoto Takuji Nishimura Kevin Sheppard University of Georgia Pierre G.F. Gerard-Marchant Regents of the University of California The University of Tennessee The University of Tennessee Research Foundation The University of California Berkeley The University of Colorado Denver	BSD-3-Clause BSD-2-Clause PSF Apache-2.0 BSD MIT	A sophisticated numeric processing package for Python
opencv	python3-opencv	4.1.0	Intel Corporation Willow Garage Inc. NVIDIA Corporation Advanced Micro Devices, Inc. OpenCV Foundation Itseez Inc. Xperience AI Shenzhen Institute of Artificial Intelligence and Robotics for Society Third party copyrights are property of their respective owners.	BSD-3-Clause	Python open source computer vision framework



Recipe Name	Package Name	Version	Copyright	License	Description
python3-pillow	python3-pillow	6.2 .1	Secret Labs AB Frederik Lundh Toby J sargeant Coriolis Systems Limited Alastair Houghton Marcin Kurczewski Oliver Tonnhofer Mickael Bonfill Kevin Cazabon Eric Soroos Marti Maria Information Technology Authority Khaled Hosny Health Reasearch Inc. William Baxter Brian Crowell Karsten Hiddemann Dov Grobgeld Bob Ippolito The Regents of the University of California Lucent Technologies Sun Microsystems, Inc. Scriptics Corporation Kevin B. Kenny International Color Consortium Google LLC Alex Clark and contributors	MIT	Python Imaging Library
tensorflow-lite	python3-tensorflow-lite	2.5 .0	The TensorFlow Authors	Apache- 2.0	Python TensorFlow Lite inference engine
tensorflow-lite-edgetpu	tensorflow-lite-edgetpu	2.5 .0	The TensorFlow Authors	Apache- 2.0	Coral Edge TPU libraries and the USB rules



## 2 userfs partition

Recipe Name	Package Name	Version	Copyright	License	Description
armnn	armnn-tensorflow-lite-examples	21.05	Arm Limited	MIT	armNN TensorFlow Lite examples
armnn-tfl-cv-apps-image-classification-c++	armnn-tfl-cv-apps-image-classification-c++	1.3.0	STMicroelectronics	BSD-3-Clause	armNN TensorFlow Lite C++ image classification example
armnn-tfl-cv-apps-object-detection-c++	armnn-tfl-cv-apps-object-detection-c++	1.3.0	STMicroelectronics	BSD-3-Clause	armNN TensorFlow Lite C++ object detection example
armnn	armnn-tools	21.05	Arm Limited	MIT	armNN tools
tensorflow-lite	tensorflow-lite-tools	2.5.0	The TensorFlow Authors	Apache-2.0	Tensorflow Lite utilities
tflite-cv-apps-edgetpu-image-classification-c++	tflite-cv-apps-edgetpu-image-classification-c++	1.3.0	STMicroelectronics The TensorFlow Authors	BSD-3-Clause Apache-2.0	TensorFlow Lite C++ image classification example running on Coral Edge TPU
tflite-cv-apps-edgetpu-image-classification-python	tflite-cv-apps-edgetpu-image-classification-python	1.2.0	STMicroelectronics	BSD-3-Clause	TensorFlow Lite Python image classification example running on Coral Edge TPU
tflite-cv-apps-edgetpu-object-detection-c++	tflite-cv-apps-edgetpu-object-detection-c++	1.3.0	STMicroelectronics The TensorFlow Authors	BSD-3-Clause Apache-2.0	TensorFlow Lite C++ object detection example running on Coral Edge TPU
tflite-cv-apps-edgetpu-object-detection-python	tflite-cv-apps-edgetpu-object-detection-python	1.2.0	STMicroelectronics	BSD-3-Clause	TensorFlow Lite Python object detection example running on Coral Edge TPU
tflite-cv-apps-face-recognition-c++	tflite-cv-apps-face-recognition-c++	1.2.0	STMicroelectronics The TensorFlow Authors	BSD-3-Clause Apache-2.0	TensorFlow Lite C++ image classification example



Recipe Name	Package Name	Version	Copyright	License	Description
tflite-cv-apps-image-classification-c++	tflite-cv-apps-image-classification-c++	1.3.0	STMicroelectronics The TensorFlow Authors	BSD-3- Clause Apache- 2.0	TensorFlow Lite C++ image classification example
tflite-cv-apps-image-classification-python	tflite-cv-apps-image-classification-python	1.2.0	STMicroelectronics	BSD-3- Clause	TensorFlow Lite Python image classification example
tflite-cv-apps-object-detection-c++	tflite-cv-apps-object-detection-c++	1.3.0	STMicroelectronics The TensorFlow Authors	BSD-3- Clause Apache- 2.0	TensorFlow Lite C++ object detection example
tflite-cv-apps-object-detection-python	tflite-cv-apps-object-detection-python	1.2.0	STMicroelectronics	BSD-3- Clause	TensorFlow Lite Python object detection example
tflite-edgetpu-benchmark	tflite-edgetpu-benchmark	1.1.1	STMicroelectronics The TensorFlow Authors	BSD-3- Clause	TensorFlow Lite C++ A PI benchmark application for Coral Edge TPU models
tflite-models-coco-ssd-mobilenetv1	tflite-models-coco-ssd-mobilenetv1	1.0	Google	Apache- 2.0	TensorFlow Lite COCO SSD Mobilenetv1 model
tflite-models-coco-ssd-mobilenetv1-edgetpu	tflite-models-coco-ssd-mobilenetv1-edgetpu	1.0	Google	Apache- 2.0	TensorFlow Lite COCO SSD Mobilenetv1 model for Coral Edge TPU
tflite-models-mobilenetv1	tflite-models-mobilenetv1	1.0	Google	Apache- 2.0	TensorFlow Lite Mobilenetv1 model
tflite-models-mobilenetv1-edgetpu	tflite-models-mobilenetv1-edgetpu	1.0	Google	Apache- 2.0	TensorFlow Lite Mobilenetv1 model for Coral Edge TPU






### 3 Archives

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X-LINUX-AI release	X-LINUX-AI licenses
X-LINUX-AI v2.0.0	<a href="#">X-LINUX-AI licenses - v2.0.0</a>
X-LINUX-AI v2.1.0	<a href="#">X-LINUX-AI licenses - v2.1.0</a>

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Artificial Intelligence

Application programming interface