UDOO is a joint effort of SECO USA Inc. and Aidilab, in collaboration with a multidisciplinary team of researchers with expertise in interaction design, embedded electronics, sensor networks and cognitive science, who along the years have worked together in several projects sharing the same vision about the role of technology in human life, and are now spread between Europe and United States.
GET STARTED

How to set up your UDOO BOLT

CHAPTER ONE
BASIC SETUP

CHAPTER TWO
ADVANCED SETUP

CHAPTER THREE
THE METAL CASE

CHAPTER FOUR
CREATE A BOOTABLE FLASH DRIVE

CHAPTER FIVE
INSTALLING THE OPERATING SYSTEMS
UDOO BOARDS
ALL-IN-ONE EMBEDDED SYSTEM SOLUTION

UDOO BOLT
Taking the Maker World to the Next Level

UDOO BOARDS
UDOO BOLT
UDOO ARCHITECTURE

UDOO BOARDS
UDOO BOLT

UDOO Community

UDOO Projects
Below you find a list of images for UDOO that will help you use UDOO as an ARM/Atmel development board. This list includes both official images and images made by the users all over the world. The official images – UDOOObuntu and Android – are directly supported by the UDOO Team. The other images are supported with the help of the community.

Images

**UDOOObuntu 2.3.0 (Ubuntu 14.04 LTS)**
- Username: uddoor
- Password: uddoor
- SHA-1: 2646129919b80b56c
- Release Date: June 28, 2018
- Release Note

**UDOOObuntu 2.3.0 Minimal (14.04 LTS)**
- Username: uddoor
- Password: uddoor
- SHA-1: 2646129919b80b56c
- Release Date: June 28, 2018
- Release Note

**ANDROID 6.0.1 MARSHMALLOW**
- SHA-1: 2646129919b80b56c
- Release Date: June 28, 2018
- Release Version: 6.0.1 Beta 2

**yocto**
- Yocto EGLFS (no X11)
- Follow the README instruction of the GitHub page to know how to use it.
- Thanks to graegers for his work.

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**Note:** Micro SD images are the easiest way to create a bootable Micro SD card for your UDOO. If you’re a beginning (novice) and you don’t feel confident with disks and source files we suggest you to follow this procedure about how to create a bootable Micro SD card from image.

**Note:** Use Top or another 3rd party utility. Don’t use the Windows or Mac built-in tool.

Tools

**UEFI BIOS + UPDATE UTILITY**
- Ventibulum vulputate augue
- malleasuada rutrum ornare.
- Ventibulum eget luctus uma.

**UEFI BIOS Instructions**

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Documentation

**Documents**
- Ventibulum vulputate augue
- malleasuada rutrum ornare.
- Ventibulum eget luctus uma.

**Mechanical Specs**
- Ventibulum vulputate augue
- malleasuada rutrum ornare.
- Ventibulum eget luctus uma.

**Schematics**
- Those files are released under the Creative Commons CC BY-SA 3.0 license.

**Other Files**
- Ventibulum vulputate augue
- malleasuada rutrum ornare.
- Ventibulum eget luctus uma.
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Job offers

May 31, 2019
Full-Stack Developer
We are looking for back-end developers for our offices in Siena, Arezzo and Boston with a strong interest in cutting-edge technologies, to join our team for the development and optimization of IoT solutions in a clean and testable way using Nodejs.

May 31, 2019
Back-End Developer
We are looking for back-end developers for our offices in Siena, Arezzo and Boston with a strong interest in cutting-edge technologies, to join our team for the development and optimization of IoT solutions in a clean and testable way using Nodejs.

May 31, 2019
Front-End Developer
We are looking for back-end developers for our offices in Siena, Arezzo and Boston with a strong interest in cutting-edge technologies, to join our team for the development and optimization of IoT solutions in a clean and testable way using Nodejs.

May 31, 2019
Droga Project Manager
We are looking for back-end developers for our offices in Siena, Arezzo and Boston with a strong interest in cutting-edge technologies, to join our team for the development and optimization of IoT solutions in a clean and testable way using Nodejs.
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Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec et cursus risus. Praesent sagittis est id pulvinar ultrices. Nam vitae nunc sed felis rhoncus finibus eget ac dolor.

English version:

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Before surfing the Platform and providing your personal data, we invite you to read this privacy policy and the privacy policies for specific services offered by the Platform.

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Press Review
what they say about us

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Hottest News

May 31, 2018
UDOVO BOLT is a $229 dev board with AMD Ryzen Embedded V1000
Lifipung

June 11, 2018
La potente board italiana con Arduino piace molto a Kickstarter
Smartworld.it

June 14, 2018
UDOVO BOLT, potente board per maker con CPU AMD e Arduino
Tom’s Hardware

UDOVO BOLT

May 31, 2018
UDOVO BOLT is a $229 dev board with AMD Ryzen Embedded V1000
Lifipung

June 1, 2018
Udoo Bolt is first Ryzen V1000 based hacker board
LinuxGizmos

April 14, 2016
UDOVO X86 Mini PC Offers 10x The Power Of A Raspberry Pi
Geeky Gadgets

April 22, 2016
UDOVO X86: la scheda per maker più potente di sempre
Wired

Older 2017 2018 2019

Published by Lifipung at May 31, 2018

UDOVO BOLT is a $229 dev board with AMD Ryzen Embedded V1000

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Read more

Published by LinuxGizmos at June 1, 2018

Udoo Bolt is first Ryzen V1000 based hacker board

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Read more

Published by Solem de at June 11, 2018

Jubel in UDOVO, Balio ist endlich wieder blond.

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Read more

Published by Tom’s Hardware at June 14, 2018

UDOVO BOLT, potente board per maker con CPU AMD e Arduino

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Read more
The UDOO BOLT is a quantum leap compared to current maker boards: a portable, breakthrough supercomputer that gives up to 32x performance in 70x less power. It has five boards in one, all in one case, a mobile CPU on par with 128-GHz hardware and an integrated Android™-compatible interface, all wrapped in one.

### UDOO BOLT

#### BOLT V6

- **Price:** € 99.98
- **CPU:** ARM Cortex-A53 1.2GHz Quad-Core 64bit
- **GPU:** ARM Mali-T720MP4 64bit
- **RAM:** 2GB DDR3L SDRAM 1600MHz
- **Storage:** 16GB eMMC, microSD
- **Networking:** Wi-Fi 802.11n 2.4GHz, Bluetooth 4.0, Ethernet 10/100MBps
- **USB:** 3x USB 3.0 Type A, 1x USB 3.0 Type C
- **Video Interface:** HDMI, DVI-D, DisplayPort
- **Audio Interface:** 3.5mm Headphone jack, Line-In, Line-Out, Microphone audio-in
- **Other Interfaces:** HDMI, USB, Ethernet, Wi-Fi, Bluetooth
- **OS:** Windows 10 Edge (64-bit), Android 7.0
- **Power In:** 12V, 3A, 36W Power Supply
- **Dimensions:** 116mm x 70mm x 18mm

#### BOLT V5

- **Price:** € 139.98
- **CPU:** ARM Cortex-A53 1.2GHz Quad-Core 64bit
- **GPU:** ARM Mali-T720MP4 64bit
- **RAM:** 2GB DDR3L SDRAM 1600MHz
- **Storage:** 32GB eMMC, microSD
- **Networking:** Wi-Fi 802.11n 2.4GHz, Bluetooth 4.0, Ethernet 10/100MBps
- **USB:** 3x USB 3.0 Type A, 1x USB 3.0 Type C
- **Video Interface:** HDMI, DVI-D, DisplayPort
- **Audio Interface:** 3.5mm Headphone jack, Line-In, Line-Out, Microphone audio-in
- **Other Interfaces:** HDMI, USB, Ethernet, Wi-Fi, Bluetooth
- **OS:** Windows 10 Edge (64-bit), Android 7.0
- **Power In:** 12V, 3A, 36W Power Supply
- **Dimensions:** 116mm x 70mm x 18mm