



UDOO Quad

[www.udoo.org](http://www.udoo.org)

UDOO Quad



<b>Type</b>	S975-G000-2100-C2
<b>Seriesv</b>	Freescale i.MX 6
	UDOO
<b>Technology</b>	32-bit MCU
<b>Category</b>	Prototyping-Board
<b>MC layout</b>	ARM Cortex-A9
<b>Tool type</b>	Development Tool

## Description

Prototyping-Board UDOO Quad - the product details below will help you select and purchase the item you want at Conrad online:

UDOO is a mini PC that can be used both with Android and Linux OS, with an embedded Arduino-compatible board. It is a powerful prototyping board for software development and design; it's easy to use and allows developing projects with minimum knowledge of hardware. UDOO is an open hardware, low-cost platform equipped with an ARM i.MX6 Freescale processor, and an Arduino Due compatible section based on ATMEL SAM3X ARM processor, all this available on the same board!



## UDOO Quad

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### Features

- CPU Freescale i.MX 6 ARM Cortex-A9 Quad core 1GHz
- GPU Vivante GC 2000 + Vivante GC 355 + Vivante GC 320
- Integrated accelerators for 2D, OpenGL® ES2.0 3D and OpenVG™
- Atmel SAM3X8E ARM Cortex-M3 CPU (same as Arduino Due)
- RAM DDR3 1GB
- 76 fully available GPIO: 62 digital + 14 digital/analog
- Arduino-compatible R3 1.0 pinout
- HDMI and LVDS + Touch
- 2 Micro USB (1 OTG type a+b)
- 2 USB type A (x2) and 1 USB connector
- Analog Audio and Mic
- On board Micro SD card reader (boot device)
- CSI Camera Connection
- Power Supply (6 - 15 V) and External Battery connector
- Ethernet RJ45 (10/100/1000 MBit)
- WiFi Module
- SATA.

<b>CPU</b>	<b>Freescale i.MX 6 Quad + Atmel SAM3X8E</b>
<b>GPU</b>	<b>Vivante GC 2000 + Vivante GC 355 + Vivante GC 320</b>
<b>Arduino compatible board</b>	<b><input type="radio"/></b>
<b>76 Fully Available GPIO</b>	<b><input type="radio"/></b>
<b>WIFI Module</b>	<b><input type="radio"/></b>
<b>Gigabit Ethernet</b>	<b><input type="radio"/></b>
<b>SATA Support</b>	<b><input type="radio"/></b>

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