

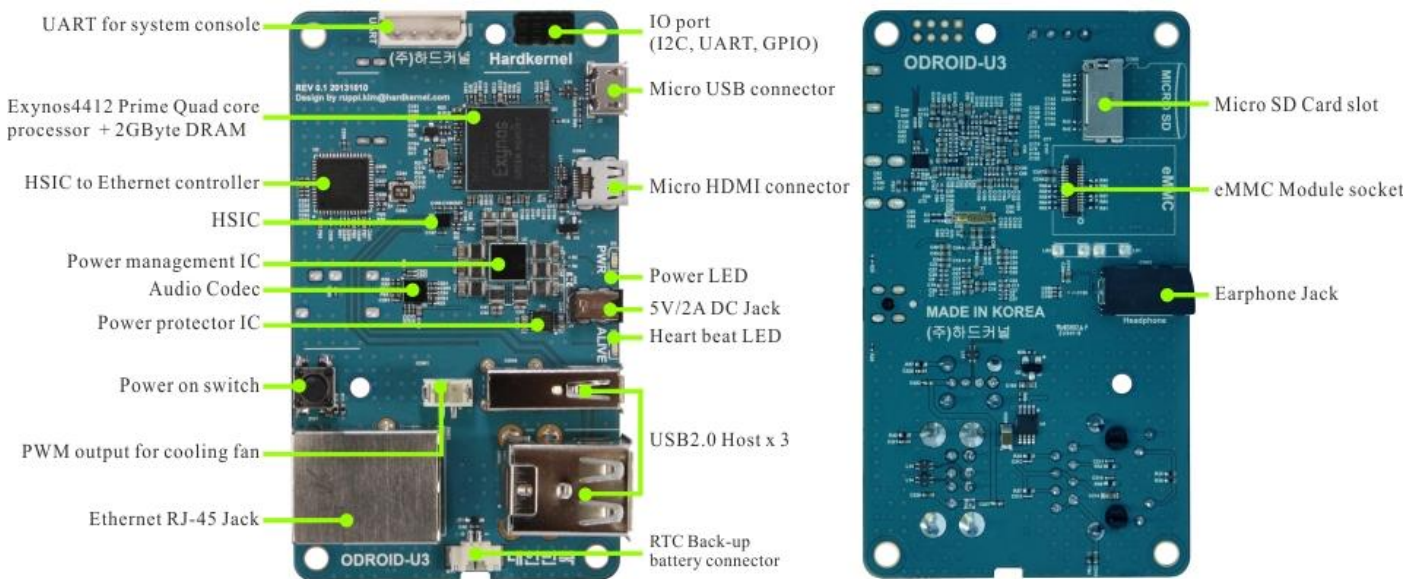
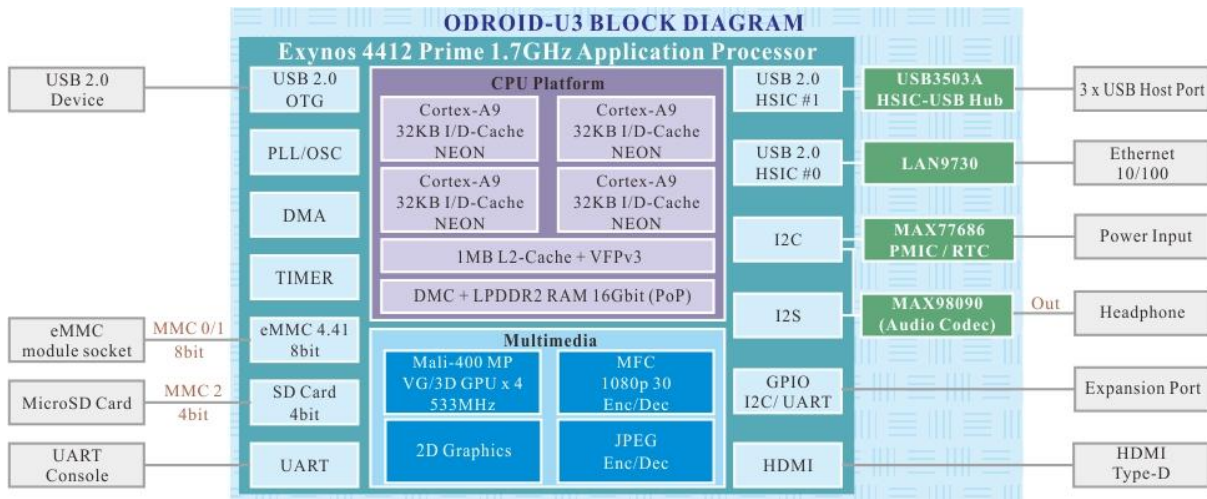


KEY FEATURES

- * The Powerful Linux Computer
 - * 1.7GHz Quad-Core processor and 2GByte RAM
 - * 10/100Mbps Ethernet with RJ-45 LAN Jack
 - * 3 x High speed USB2.0 Host ports
 - * Audio codec with headphone jack on board
 - * XUbuntu 13.10 or Android 4.x Operating System
 - * Size: 83 x 48 mm, Weight: 48g including heat sink
 - * Package includes the main board and the heat sink
 - * All ODROID-U2 software is fully compatible with ODROID-U3.
- * **All technical information and questions on ODROID forum:** <http://forum.odroid.com/>

SPECIFICATIONS

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|-------------------------|--|
| Processor | Samsung Exynos4412 Prime Cortex-A9 Quad Core 1.7Ghz with 1MB L2 cache |
| Memory | 2048MB(2GB) LP-DDR2 880Mega data rate |
| 3D Accelerator | Mali-400 Quad Core 440MHz |
| Video | supports 1080p via HDMI cable(H.264+AAC based MP4 container format) |
| Video Out | Micro-HDMI Connector |
| Audio | Standard 3.5mm headphone jack HDMI Digital |
| LAN | 10/100Mbps Ethernet with RJ-45 Jack (Auto-MDIX support) |
| USB2.0 Host | High speed standard A type connector x 3 ports |
| USB2.0 Device | ADB/Mass storage(Micro USB) |
| Display | HDMI monitor |
| Storage (Option) | MicroSD Card Slot eMMC module socket |
| Power (Option) | 5V 2A Power |
| System Software | Linux: Xubuntu 13.10 or latest version Android: u-boot 2010.12, Kernel 3.0.x, Android 4.x Full source code is available now. |
| PCB Size | 83 x 48 mm |
| Weight | 48g including the heat sink |



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|---------------------------------|--|
| CPU | 1.7GHz Exynos4412 Prime Cortex-A9 Quad-core processor with PoP (Package on Package) 2Gbyte LPDDR2 880Mega Data Rate |
| PMIC | MAX77686 Power Management IC from MAXIM |
| HSIC USB 2.0 Hub | USB3503A Integrated USB 2.0-compatible hub / HSIC upstream port from SMSC/Microchip |
| HSIC Ethernet Controller | LAN9730 HSIC USB 2.0 to 10/100 Ethernet controller with HP Auto-MDIX from SMSC/Microchip |
| Audio CODEC | MAX98090 is a full-featured and high performance audio CODEC from MAXIM |
| Protection IC | NCP372 Over-voltage, Over-current, Reverse-voltage protection IC from OnSemi. |
| USB Load Switch | AP2411-MP-13 Protection IC for USB power supply from DIODES. |
| HDMI Conditioner | IP4791CZ12 HDMI transmitter interface protector with level shifter from NXP |
| HDMI Connector | Standard Micro-HDMI, supports up to 1920 x 1080 resolution |
| IO Port | USB Host x 3, Device x 1, Ethernet RJ-45, Headphone Jack |
| Storage Slot | Micro-SD slot, eMMC module connector |
| DC Input | 5V / 2A input, Plug specification is inner diameter 0.8mm and outer diameter 2.5mm |