

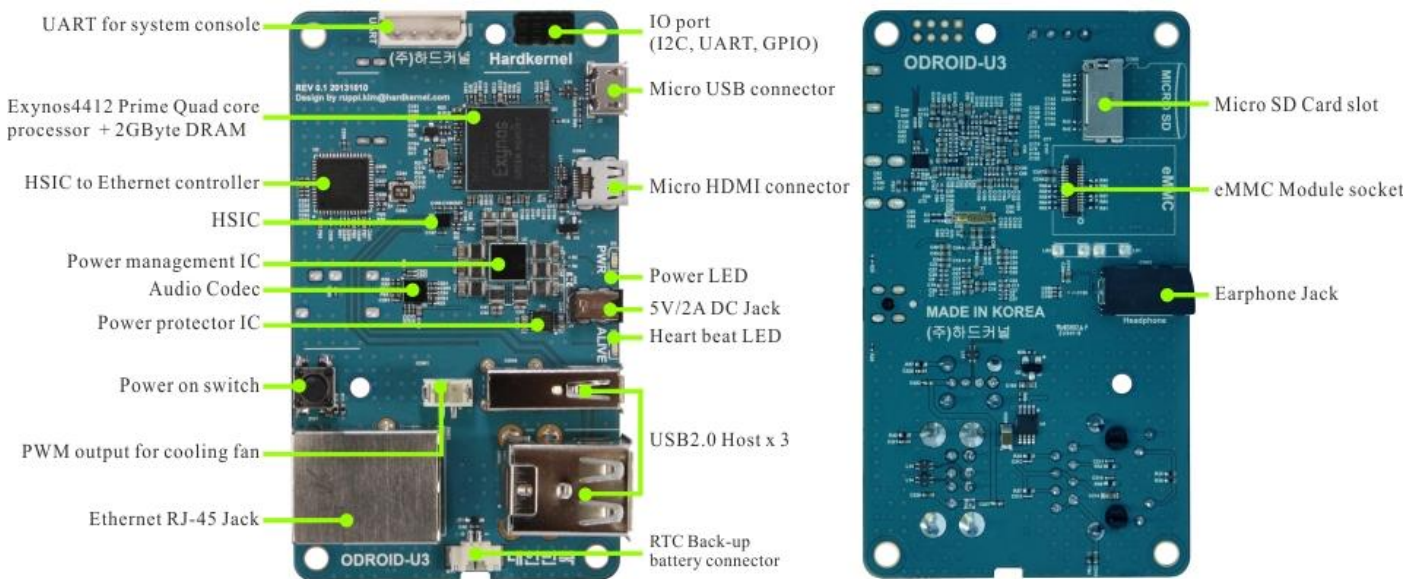
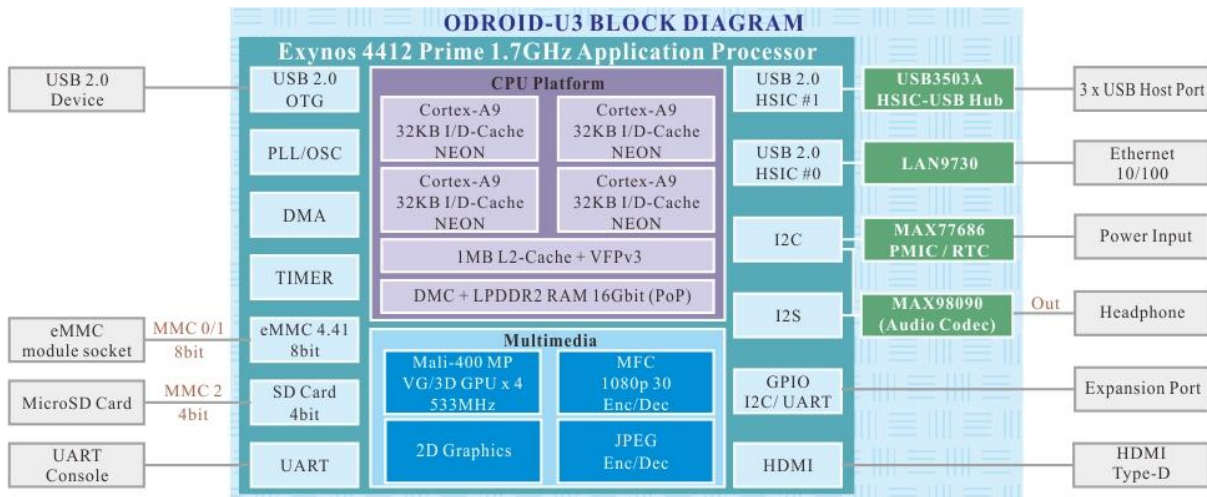


KEY FEATURES

- * 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
 - * XUubuntu 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

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



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