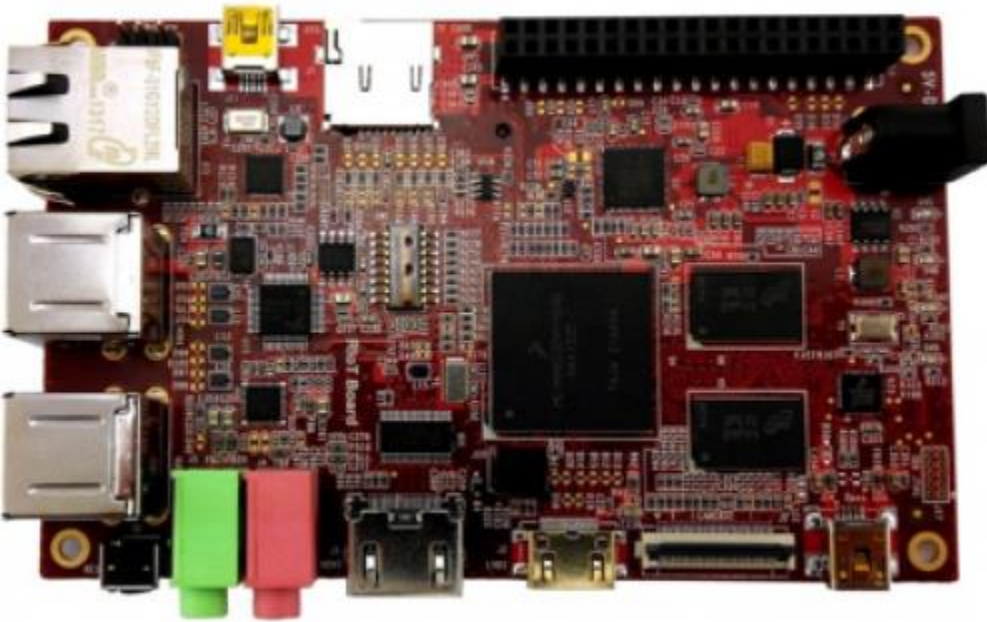


# ELEMENT14 RIOTBOARD STARTER KIT

element14



“Board-ganizer” Enclosure



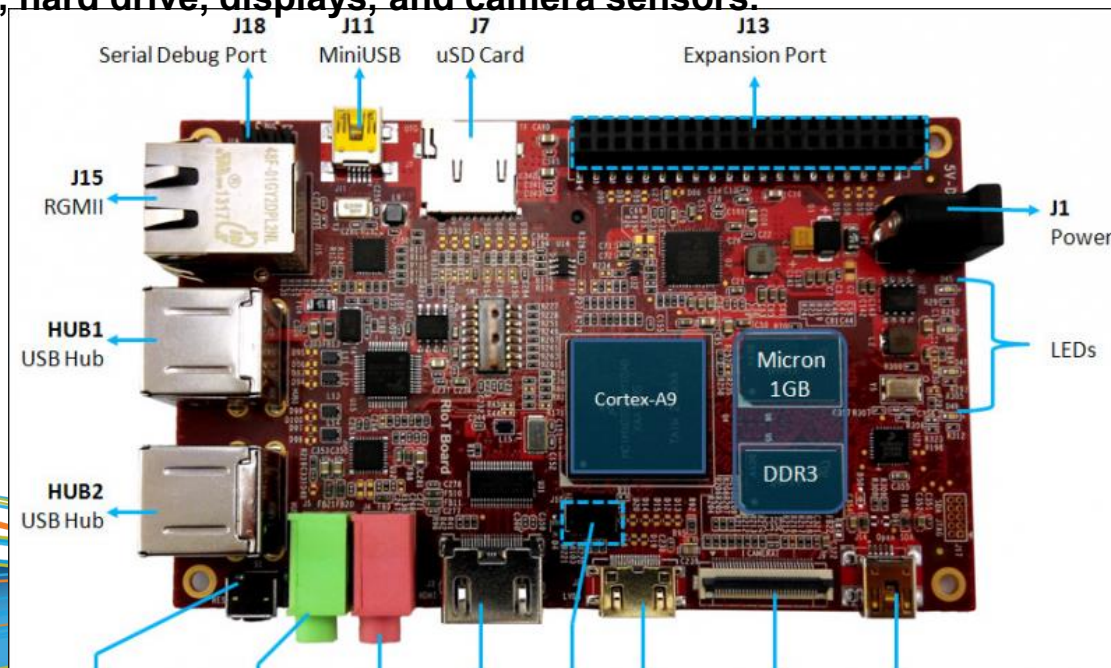
2A, 5V Power Supply

RiIoTBoard

RiIoT Board starter kit	Supplier	MPN	Kit Quantity
RiIoTboard	RIOTBOARD	MCIMX6 SOLO	1
Enclosure	BUD IND	BG-32618	1
Power Supply	TRIAD Magnetics	WSU050-2000	1

The RIoTboard is an open source platform based on an ARM Cortex-A9 processor. The RIoTboard is an evaluation platform featuring the powerful i.MX 6Solo, a multimedia application processor with ARM Cortex-A9 core at 1 GHz from Freescale Semiconductor. The platform helps evaluate the rich set of peripherals and includes a 10/100/Gb Ethernet port, HDMI v1.4, LVDS, analog headphone/microphone, uSD and SD card interface, USB, serial port, JTAG, camera interface, GPIO boot configuration interface, and expansion port.

The i.MX 6Solo processor represents Freescale Semiconductor's latest achievement in integrated multimedia applications processors, which are part of a growing family of multimedia-focused products that offer high performance processing and are optimized for lowest power consumption. The processor features Freescale's advanced implementation of the single ARM™ Cortex-A9 core, which operates at speeds up to 1 GHz. It includes 2D and 3D graphics processors, 3D 1080p video processing, and integrated power management. The processor provides a 32/64-bit DDR3/LVDDR3-800 memory interface and a number of other interfaces for connecting peripherals, such as WLAN, Bluetooth™, GPS, hard drive, displays, and camera sensors.



## BUD Board-ganizer multi-development board enclosure kit

The board-ganizer is a unique work space organizing platform designed to serve the rapidly growing community of electronics makers and developers. The innovative enclosure lets the user combine and mix boards with no need for additional hardware. The boards are attached using specially developed adhesive backed rubber feet

