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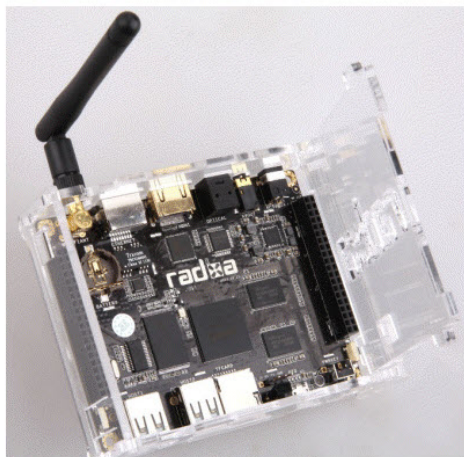
## Radxa Rock - The \$99 Quad Core, 2 GB RAM Mini Computer With Android And Linux Support

Submitted by Deepesh Agarwal (/user/1) on Sun, 03/16/2014 - 07:13

Radxa Rock, Plug-in And Boot Computer, Mini Computer, World's Smallest Computer, Portable Computer, Mini PC, HDMI Computer, Raspberry Pi (/taxonomy/term/13298)

**Raspberry Pi** ([http://www.megaleecher.net/World%27s\\_Most\\_Portable\\_Computer](http://www.megaleecher.net/World%27s_Most_Portable_Computer)) - the hacker friendly, cheap mini-computer started a whole new niche of users tinkering with these easily accessible hardware and open-source software to create awesome projects. There are now a plethora of such ARM development boards from single-core, dual-core to quad-core varieties having all sorts of ARM CPU options like Rockchip, i.MX Freescale, Samsung Exynos etc. with various RAM, connectivity and flash storage options.

**Radxa Rock** is the newest entry into this arena and seems to pack a solid punch of hardware and software power, powered by Quad core ARM Cortex-A9 processor the board manages to clock as high as 1.6Ghz and as low as 324Mhz, balancing between performance and power saving. The single-board computer uses RK3188 as the quad-core CPU and comes with 2GB DDR3 @ 800Mhz, 8GB Nand Flash, Micro-SD SDXC up to 128GB, Mali400-mp4@533Mhz GPU with OpenGL ES 2.0 support, video output via HDMI 1.4 up to 1080p@60hz, integrated Bluetooth 4.0, WiFi with external antenna, LAN, RTC, IR, USB OTG, S/PDIF, headphone jack, built-in microphone and 80 pins including GPIO, I2C, SPI, Line in, USB 2.0, PWM, ADC, LCD, etc. allowing users to easily connect rock with breadboard or other sensor boards.

**Faster ever**  
Quad core ARM  
processor and 2GB ram



**Dual boot**  
Android and Ubuntu,  
dual boot



**Open source**  
With open source SDK, it  
can do more

2GB RAM

2GB



WIFI



Bluetooth



HDMI



USB



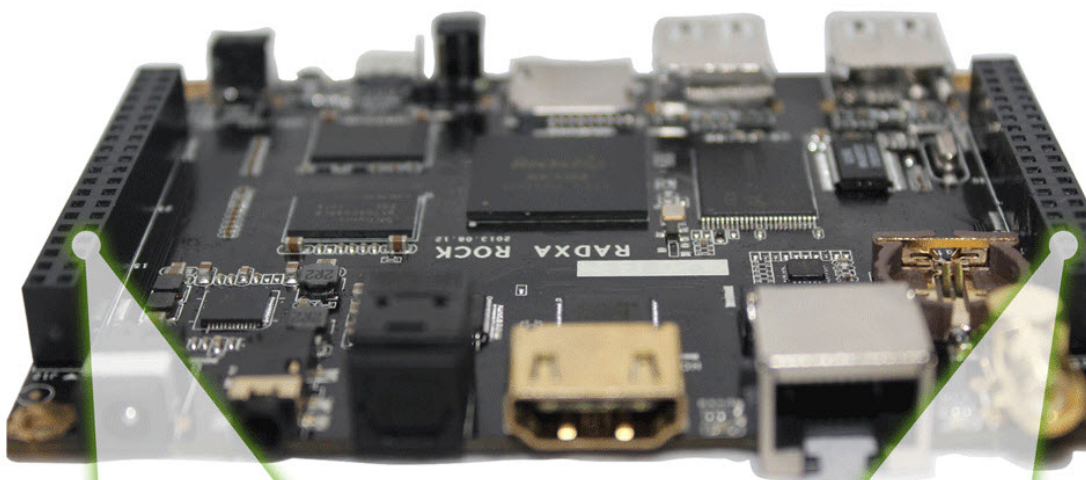
Spdif



MIC



TF Card



GPIO, I2C, SPI, UART, USB, PWM, ADC, LCD

Model	radxa rock		radxa rock lite
Cost (in USD)	\$99		\$79
System			
CPU	ARM Cortex-A9 quad core @ 1.6Ghz		
Memory	2GB DDR3 @ 800Mhz		1GB DDR3 @ 800Mhz
Storage	8GB Nand Flash, Micro-SD SDXC up to 128GB		4GB Nand Flash, Micro-SD SDXC up to 128GB
Display and Graphics			
GPU	Mali400-mp4@533Mhz, OpenGL ES 2.0		
Digital Video	HDMI 1.4 up to 1080p@60hz		
Analog Video	AV output		
Network			
LAN	10/100M Ethernet port		

Model	radxa rock	radxa rock lite
Cost (in USD)	\$99	\$79
WIFI	150Mbps 802.11b/g/n with antenna	
Bluetooth	Bluetooth 4.0	None
I/O		
Audio	S/PDIF, headphone jack	
USB HOST	2 USB 2.0 standard A type	
USB OTG	USB OTG micro-USB connector	
Serial	Serial Console for debugging	
IR	Support self defined IR remote	
Key	1 power key, 1 recovery key, 1 reset key	
Other		
Led	3 programable leds	
RTC	Support power off alarm	
Extend header	80 pins including GPIO, I2C, SPI, Line in, USB 2.0, PWM, ADC, LCD, etc	

radxa rock unbox and boot up



### Radxa Rock

([http://www.megaleecher.net/Radxa\\_Rock\\_Reviewed](http://www.megaleecher.net/Radxa_Rock_Reviewed))

Radxa Rock mini quad core ARM computer that simply rocks.

Quad core ARM Cortex-A9 processor running as high as 1.6Ghz and as low as 324Mhz, balancing between performance and power saving. With 80 pins 2.54mm extension headers, you can easily connect rock with breadboard or other sensor boards.

Written by: Deepesh Agarwal

Radxa Rock

Date published: 03/16/2014

9 / 10 stars

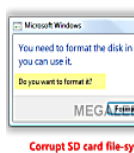
**Website :** <http://radxa.com/> (<http://radxa.com/>)



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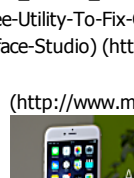
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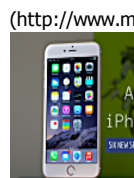


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Recommended by (<http://www.outbrain.com/what-is/default/en>)

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**very interesting. available (/comment/44583#comment-44583)**

Permalink (/comment/44583#comment-44583) Submitted by po (not verified) on Mon, 03/17/2014 - 05:24  
 very interesting. available in the EU?

**reply (/comment/reply/2487/44583)**

**Yes (/comment/44585#comment-44585)**

Permalink (/comment/44585#comment-44585) Submitted by Deepesh Agarwal (/user/1) on Mon, 03/17/2014 - 10:30  
 There are numerous distributors shipping worldwide, see their website and click on the Buy link.

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**nice (/comment/44584#comment-44584)**

Permalink (/comment/44584#comment-44584) Submitted by kurtumi (not verified) on Mon, 03/17/2014 - 07:37  
 very nice and simple

**reply (/comment/reply/2487/44584)**

**Radxa Rock (/comment/44625#comment-44625)**

Permalink (/comment/44625#comment-44625) Submitted by Effiall (not verified) (http://www.effiall.com/) on Fri, 03/28/2014 - 11:22  
 Hey Guys, we've just replenished our inventory of Radxa Rocks. Head over to www.effiall.com to check it out.

**reply (/comment/reply/2487/44625)**

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