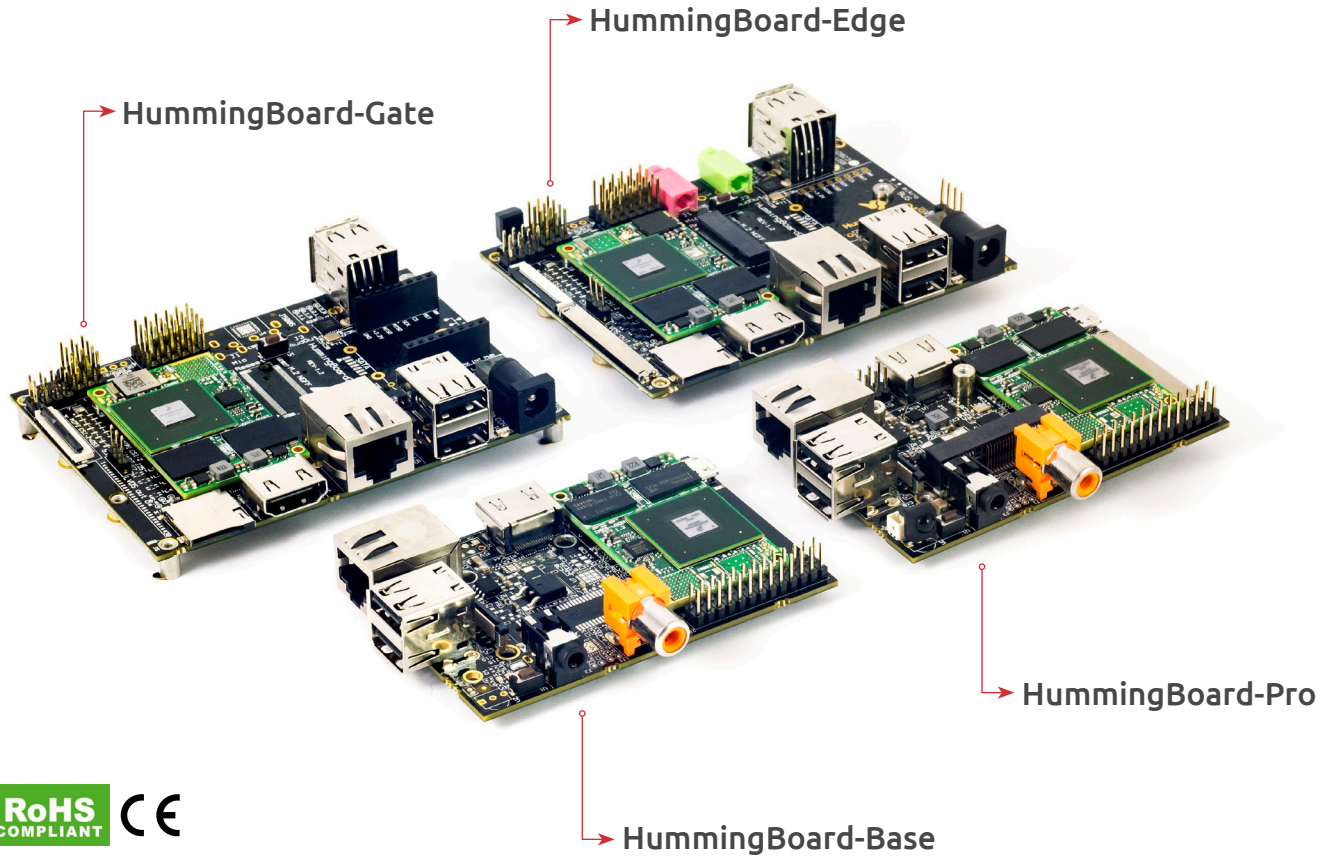
SolidRun
Do Your Thing

SolidRun's HummingBoard™ family:

SR-HummingBoard-MX6

(ARM-Cortex-A9)



RoHS COMPLIANT CE

Fly High With Your Ultimate IoT Platform

» Mix & Match – Choose the model that's right for you. You can choose your SolidRun uSOM and match it to each HummingBoard you wish.

» Connect to anything, if that's your dream – A wide variety of connectivity options.

» All the reliability you need – The highest quality components, no moving parts.

» Reduce Time to Market, Design Risk and Cost

Get ready to fall in love with the HummingBoard family – small and powerful, low-cost ARM computers that ignite the imagination. Whatever your dream is, the HummingBoard will help make it happen – the possibilities for creating the next great IoT innovation are truly limitless.

The HummingBoard allows you to run many open source operating systems – such as Ubuntu, Debian and Arch – as well as Android and XBMC. With its core technology based on SolidRun's state-of-the-art Micro System on a Module (MicroSOM), it has ready-to-use OS images, and its open hardware comes with full schematics and layout. Best of all, as a Linux single board computer, the HummingBoard is backed by the global digital maker community, which means you can alter the product in any way you like and get full kernel upstreaming support and all the assistance you need.

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	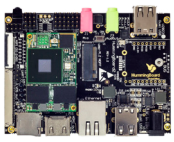	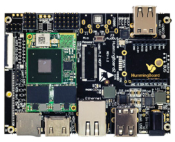		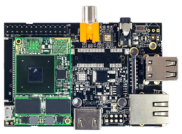
	HummingBoard-Edge	**HummingBoard-Gate**	**HummingBoard-Pro**	**HummingBoard-Base**
uSOM Model*	i.MX6 based Solo to Quad Core uSOM	i.MX6 based Solo to Quad Core uSOM	i.MX6 based Solo to Quad Core uSOM	i.MX6 based Solo to Dual Core uSOM
Memory and Storage	Up to 4GB DDR3 uSD eMMC M.2	Up to 4GB DDR3 uSD	Up to 4GB DDR3 uSD, mSATA	Up to 2GB DDR3 uSD
Connectivity	1xRJ-45** 4xUSB2.0 mPCIE with SIM card holder	1*RJ-45** 4*USB2.0 mPCIE with SIM card holder	1xRJ-45** 2xHost USB2.0 2xHeader USB 2.0 mPCIE- half size	1xRJ-45** 2xHost USB 2.0
Media	HDMI-Out LVDS Analog Audio MIPI-CSI-4 and MIPI-DSI Parallel Camera (on GPIO header)	HDMI-Out MIPI-CSI-4 and MIPI-DSI Parallel Camera	HDMI-Out LVDS SPDIF Analog Audio MIPI- CSI-2 Camera	HDMI-Out SPDIF MIPI- CSI-2 Camera
I/O	Reset Button 36 pins GPIO Header RTC with Battery IR	Reset Button 36 pins GPIO Header RTC with Battery mikroBUS click interface	Reset Button 26 pins GPIO Header RTC IR	Reset Button 26 pins GPIO Header
Power	7V-36V, 5.5mm in	7V-36V, 5.5mm in	5V, uUSB	5V, uUSB
Dimensions	102mmx69mm	102mmx69mm	85mmx56mm	85mmx56mm
Software	Linux	Linux	Android, Linux	Android, Linux
Environment	Metal Enclosure (Optional)	Metal Enclosure (Optional)	-	-

(*) For more information: http://www.solid-run.com/products/micro-som/
(**) 1000 Mbps link is limited to 470Mbps actual bandwidth due to internal chip buses limitations.

Applications:

Fleet Control

Medical Usages

Digital Signage

Gaming

Automotive

Smart Home