



NXP-Freescale i.MX6

# HummingBoard Base

Carrier Board for iMX6 SOM (System-On-Module)

Rev 3.5



Simple. Robust. Computing Solutions

**SolidRun Ltd.**

7 Hamada st.,

Yokne'am Illit, 2495900, Israel

[www.solid-run.com](http://www.solid-run.com)

## Overview

The Base version of the HummingBoard carrier offers a usable and economical starting point for low-compute needs in an embedded device. The HummingBoard base focuses on file system being made exclusively available through a Micro-SD card slot together with the ability to do basic GPIO, media processing, and network connectivity.

## HummingBoard Base Highlighted Features

- ✿ Based on NXP's iMX6 Single to Dual Core
- ✿ Up to 1GB DDR3
- ✿ Small footprint
- ✿ Robust design

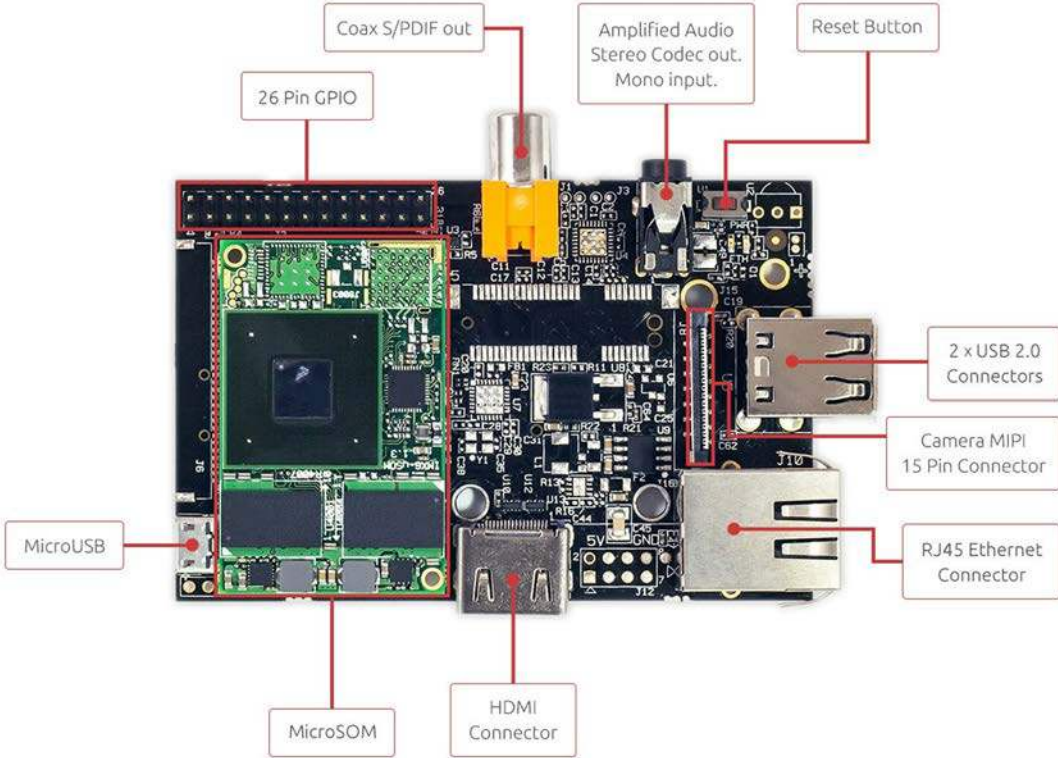
## System Specifications

HummingBoard Base	
<b>SOM Model</b>	i.MX6 based Solo to Dual Core SOM
<b>Memory and Storage</b>	Up to 1GB DDR3 uSD
<b>Connectivity</b>	1×RJ-45* 2×Host USB 2.0
<b>Media</b>	HDMI-Out SPDIF MIPI-CSI-2 Camera
<b>I/O</b>	Reset Button, 26 pins GPIO Header
<b>Power</b>	5V, uUSB
<b>Software</b>	Linux
<b>Dimensions (WxL)</b>	85mm×56mm

(\*) Note that due to internal i.MX6 buses the 1000Mbps interface speed is limited to 470Mbps.

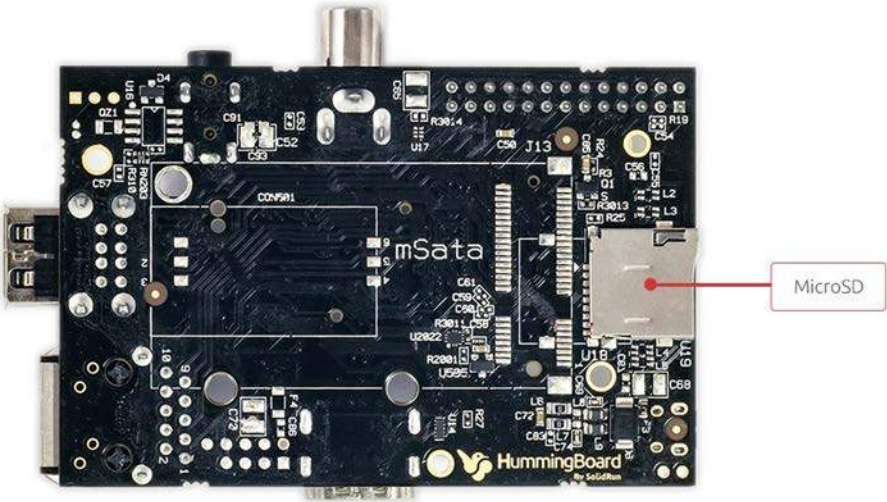
# Interfaces

## Top View



# Interfaces

## Bottom View



## Available SKUs for HummingBoard Base

SKU	Description
SRHBCBE000CV35	HummingBoard Base Com. Temp R3.5

## Safety Notice

- a. This device is to be used with Certified Power adaptor with output rated 5VDC, 3A. Power adapter must meet Limited power source (LPS) requirements.
- b. Power adapter must meet local safety standards and requirements based on product intended use.
- c. Power adapter must meet Operating environment conditions as specified above.

## Disposal

Follow local regulations regarding disposal of the product. Dispose of your product in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited.

Help us protect the environment- recycle!

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Our Wiki – <http://wiki.solid-run.com/>

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For direct support please contact us at: [support@solid-run.com](mailto:support@solid-run.com)

## Documentation

Additional documentation available at:

<http://wiki.solid-run.com/doku.php?id=products:imx6:documents>