NXP-Freescale i.MX6

HummingBoard Pro

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

Rev 3.5

Simple. Robust. Computing Solutions

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Overview

The Pro version of the HummingBoard carrier offers a valuable development platform with advanced capabilities (including multiple storage methods) in an embedded device. As opposed to the HummingBoard Base model, the HummingBoard pro focuses on larger file storage via mSATA, LVDS display integration, as well as extensibility through additional board access.

HummingBoard Pro Highlighted Features

- Based on NXP's iMX6 Single to Quad Core
- Up to 2GB DDR3
- Small footprint
- Robust design

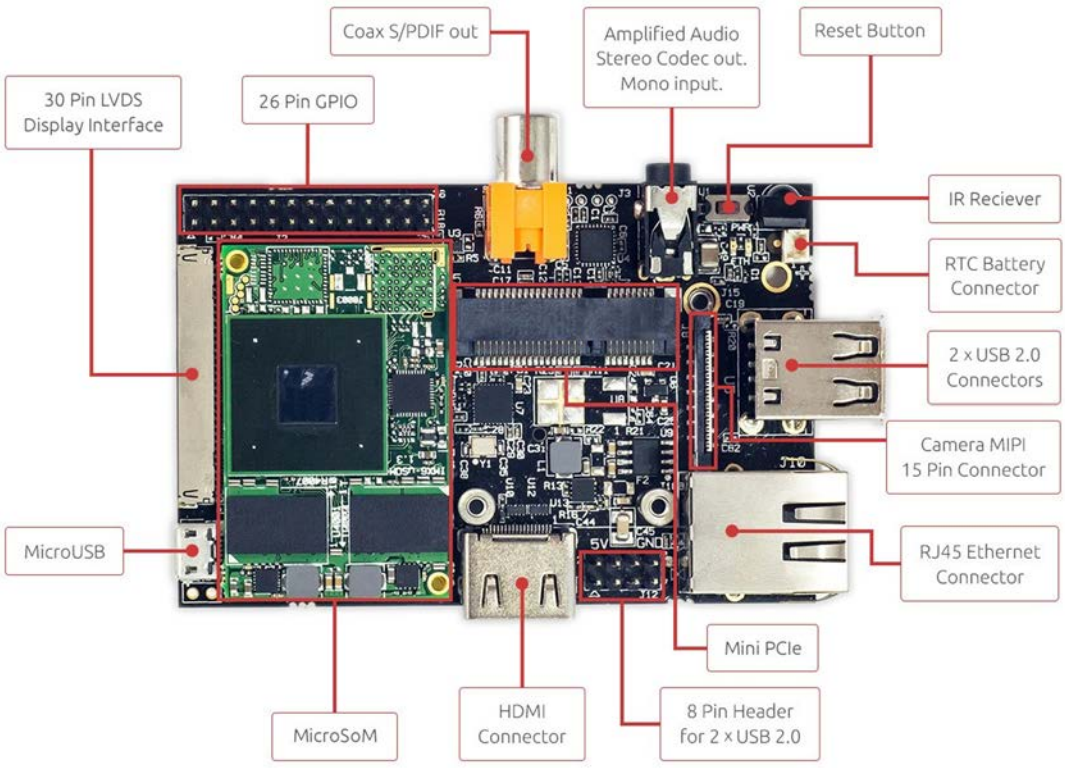
System Specifications

SoM Model
Memory and Storage
Connectivity
Media
I/O
Power
Software
Dimensions (WxL)

(*) Supported with uSoM i2eX and above.
(**) Note that due to internal i.MX6 buses the 1000Mbps interface speed is limited to 470Mbps.

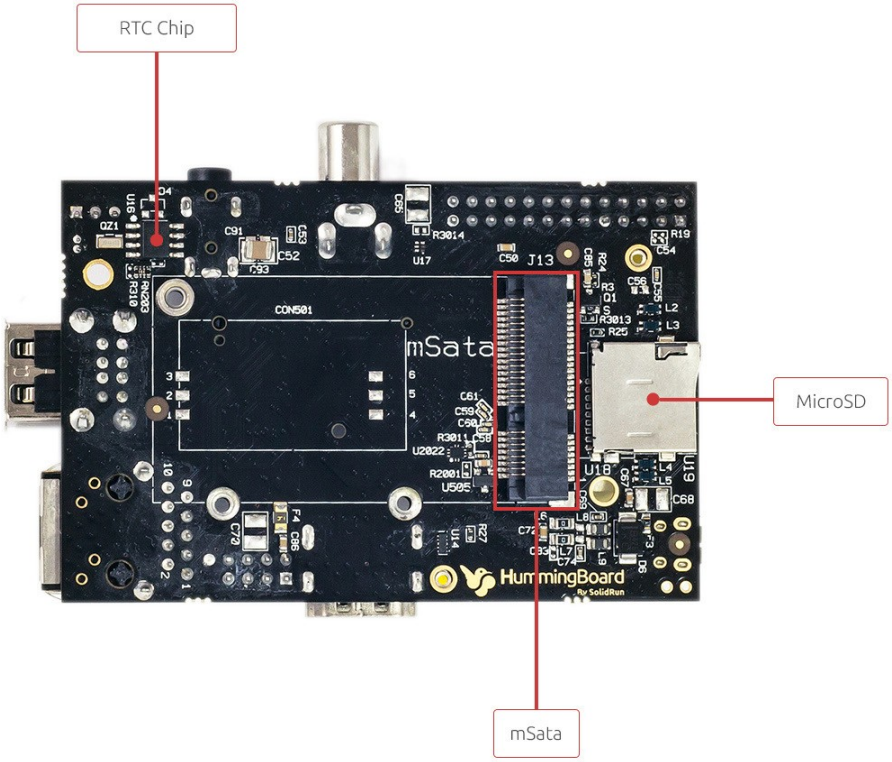
Interfaces

Top View



Interfaces

Bottom View



Available SKUs for HummingBoard Pro

SKU	Description
SRHBCPE000CV35	HummingBoard Pro|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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Documentation

Additional documentation available at:

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