

# NPi i.MX6ULL Dev Board (NAND Version)

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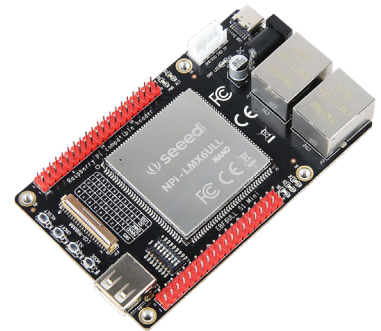
## Product Overview

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For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

The NPi i.MX6ULL Dev Board (NAND Version) from Seeed Studio is an industrial-grade, low-power Linux Single Board Computer (SBC) built around the powerful i.MX6ULL Applications Processor by NXP Semiconductors. The NPi i.MX6ULL Dev Board is powered by a core module composed of the i.MX6ULL, 512MB DDR3L, and 256MB NAND FLASH. This SBC includes a Raspberry PI compatible header, allowing the use of most SeeedStudio Pi Hats. The board also features an additional GPIO 40-pin header, dual 100M Ethernet interface, USB Host (Type A), USB OTG (Type C), an LCD FPC interface (including 24-bit RGB and I<sup>2</sup>C touch control), and a micro SD card slot.



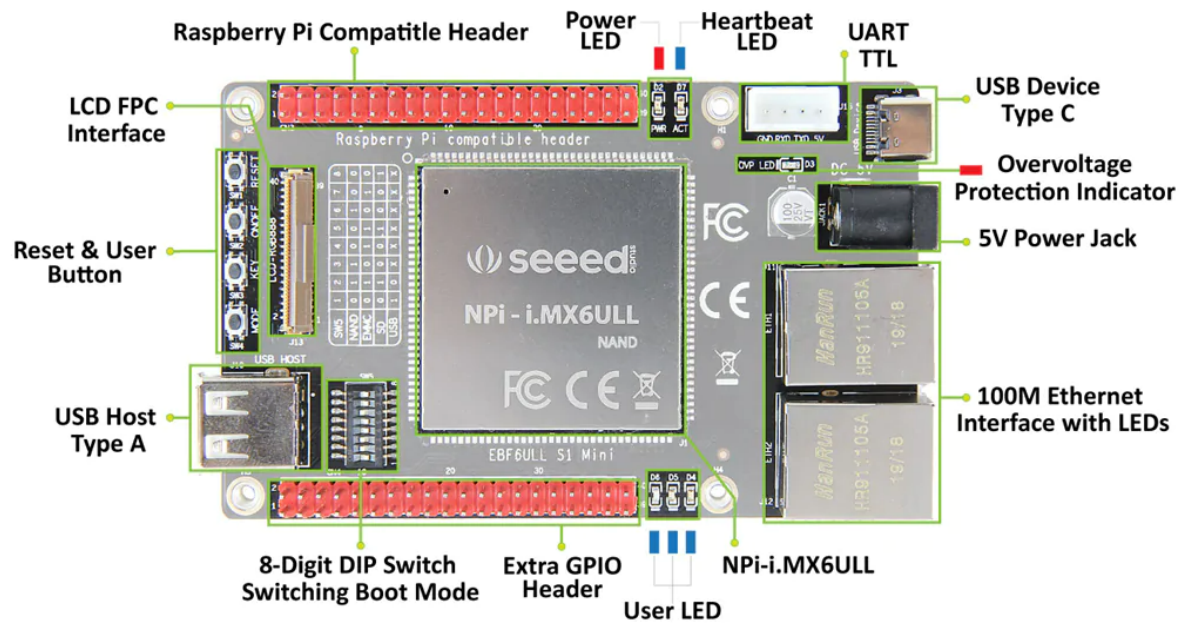
## Features

- CPU: [NXP MCIMX6Y2CVM08AB](#)
- Frequency: up to 800Mhz
- DDR3L: onboard 512MB
- Flash: onboard 256MB NAND
- Ethernet: 2x 100M ethernet port
- Power: 5V±2% DC jack
- Display: FPC LCD interface (including 24 bit RGB and I<sup>2</sup>C touch control)
- RTC: RTC battery slot
- User LED: 3x LED
- USB
  - USB Host Type A
  - USB OTG Type C
- SD Card: micro SD card slot
- Key: 4x multifunction key
- Switch: 8-digit DIP switch, switching boot mode - USB/NAND/SD
- I/O: 2x 40-pin header

## Applications

- Industrial control
- Rail transit
- Drone control
- Audio output

## Board Layout



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/seeed-studio/seeed-npi-imx6ull-dev-board-nand/>