

This page will try to document my experiment to run mainline kernel on OMAP

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Contents: [Dobrica Pavlinu's random unstructured stuff]

- Dobrica Pavlinu's random unstructured stuff (uart)

CPU 800 MHz ARM Cortex-A8-based TI OMAP3621[1]

Memory 512 MB

Storage 8 GB internal

32 GB max via microSD

Display 7-inch 1024 x 600 px WSVGA IPS LCD at 170 ppi

Graphics PowerVR SGX 530

Input Capacitive multitouch screen with side volume, Nook Home, and power button

Connectivity Wi-Fi 802.11 b/g/n, USB, Bluetooth(Disabled on stock firmware)

Power Installed battery 3.7 v 4000 mAh (8 hours with Wi-Fi off)

Dimensions 8.1 in (210 mm) H

5.0 in (130 mm) W

0.48 in (12 mm) D

Mass 15.8 oz (450 g)

- <https://www.xda-developers.com/patch-this-barnes-and-noble-nook-tablet-hardware-protection-comp>

## uart

