

**PRODUCT BRIEF:**

Logic :: Texas Instruments  
www.logicpd.com/ti

## Zoom™ OMAP34x™ Mobile Development Kit

**The Zoom OMAP34x Mobile Development Kit (MDK) is a full-featured evaluation platform built around Texas Instruments' OMAP3430 processor.**

The MDK offers all the current mobile features a developer needs to evaluate the processing capabilities of the OMAP™ platform: a QuadBand cellular modem, wireless connectivity technology, a 3.1 megapixel camera sensor, a 3.7" VGA TFT touchscreen display, and DVI and S-video outputs.

Along with providing the most current technologies, a variety of different Operating Systems can be used with the MDK; including various Linux™ Board Support Packages (BSPs). The multiple BSP offerings allow developers to select an OS that best supports their needs and costs.

At the MDK's core is the OMAP3430 SOM-LV, a product-ready System on Module (SOM) available in production quantities. This means that engineers can write application software on the same hardware that will be used in their final end-product.



ZOOM OMAP34x MOBILE DEVELOPMENT KIT

Combining the versatility of the product-ready OMAP3430 SOM-LV with a full-featured development board, the MDK provides a cost-effective solution for enabling innovation on the Texas Instruments OMAP34x platform.

**ZOOM OMAP34x MOBILE DEVELOPMENT KIT  
:: HIGHLIGHTS:**

- +Full-featured development platform
- +Open source Linux BSP
- +RoHS compliant

**OMAP3430 SOM-LV  
:: FEATURES:**

- +Product-ready System on Module with the TI OMAP3430 processor running up to 600 MHz
- +Compact form factor—SOM-LV Type III  
31 x 76.2 x 7.4 mm
- +Long product lifecycle
- +See OMAP 3 SOM-LV product brief for more information

## Zoom™ OMAP34x™ Mobile Development Kit Ordering Information

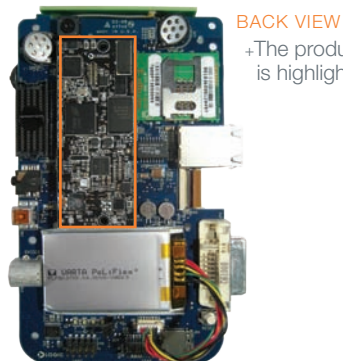
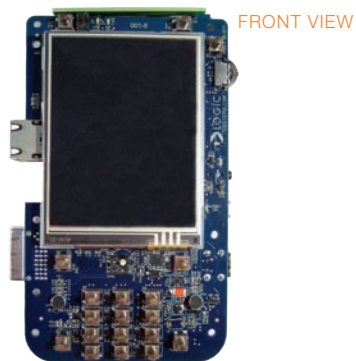
Model Number	SOM-LV Configuration
LDP3430-VG1.0.0	SOMOMAP3430-10-1670JFCR

## OMAP3430 SOM-LV Configuration Information

Model Number	Speed (MHz)	SDRAM (MB)	NAND Flash (MB)	NOR Flash (MB)	Wired Ethernet	802.11 Ethernet	Bluetooth
SOMOMAP3430-10-1670JFCR <sup>1</sup>	up to 600	128	256	0	Y	N	Y

NOTE 1: This configuration is only available as part of the Zoom OMAP34x Mobile Development Kit.  
For production volume SOM-LV configurations, please see the OMAP 3 SOM-LV product brief.

## Zoom OMAP34x Mobile Development Kit Internal Board



+The product-ready OMAP3430 SOM-LV is highlighted in orange.

### LOGIC WEBSITE :: DESIGN RESOURCES:

- + Logic Technical Support : [www.logicpd.com/support/](http://www.logicpd.com/support/)
- + Technical Discussion Group : [www.logicpd.com/support/tdg/](http://www.logicpd.com/support/tdg/)
- + Frequently Asked Questions (FAQ) : [www.logicpd.com/support/faq/](http://www.logicpd.com/support/faq/)
- + For more information contact Logic Sales : [product.sales@logicpd.com](mailto:product.sales@logicpd.com)



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## Product Features

### SOM-LV Included

- +SOM-LV Type III featuring the TI OMAP3430 processor running up to 600 MHz

### Display

- +3.7" TFT VGA portrait LCD
- +Touchscreen panel and controller
- +DVI video connector
- +S-video connector

### Audio

- +Built-in stereo speakers
- +Dual microphone inputs
- +Audio in/out jack (2.5 mm connector)

### Network/Modem

- +10/100 BASE-T Ethernet (RJ45 connector)
- +Built-in Bluetooth 2.0 + EDR
- +GSM/GPRS QuadBand modem with SIM card slot

### Expansion/Debug

- +Micro SD/MMC card slot
- +One USB high-speed On-the-Go port (mini-AB connector)
- +JTAG connector

### Camera

- +3.1 megapixel camera

### Battery

- +1100 mAh Li-Ion battery

### Input/Navigation

- +5-position navigation button
- +Standard 12-button keypad
- +‘Shooter’ keys

### Cables

- +USB A to mini-B cable

### Mechanical

- +96.5 x 160.8 x 24.3 mm

### RoHS Compliant

