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[Logic PD, Inc.](#)  
[SDK-LH79524-10-3216R-A](#)

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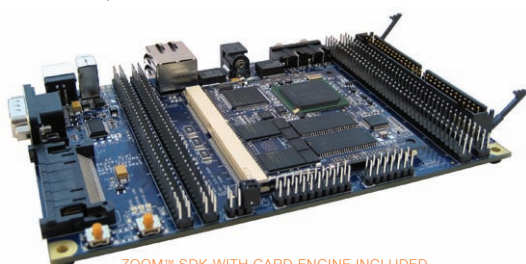
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**PRODUCT BRIEF:**

Logic :: Development Kit

## ZOOM™ SDK Development Kit

By providing a product-ready hardware and software platform, Logic's embedded solutions fast forward development and help you stay focused on your high-value core technologies. The Zoom™ Starter Development Kit (SDK) is a low-cost, high-performance application development kit for evaluating the functionality of the System on Module (SOM) Card Engine and associated processor.



ZOOM™ SDK WITH CARD ENGINE INCLUDED

Application development is performed right on the product-ready Card Engine and software Board Support Packages (BSPs) included in the kit, which enables you to seamlessly transfer your application code and hardware into production.

The Card Engine is ideal for applications in the medical, point-of-sale, industrial, and security markets. From patient monitoring and medical imaging, to card payment terminals and bar code readers, to CCTV cameras and intruder alarms, the Card Engine allows for powerful versatility and long-life products.

The Zoom SDK includes the Card Engine, application baseboard, and accessories required to immediately begin development work.

**ZOOM™ SDK :: HIGHLIGHTS:**

- + Low-cost development kit
- + Includes product-ready Card Engine
- + Compact size
- + Ready to run Board Support Packages (BSPs)

**CARD ENGINE :: BENEFITS:**

- + Long product lifecycle
- + Scalability
- + Compact Card Engine form factor
- + See specific SOM product brief for more information

## ZOOM™ SDK Ordering Information

Model Number	SOM Configuration	Recommended Resale
SDK-PXA270-520-10-6432R	CENGPXA270-520-10-504HCR	\$499
SDK-LH7A404-11-6416R	CENGLH7A404-11-503HCR	\$399
SDK-LH79524-10-3216R	CENGLH79524-10-403HCR	\$389
SDK-LH75401-11-0204 <sup>1</sup>	CENGLH75401-11-101HC	\$299
SDK-SH7760-10-6416 <sup>1</sup>	CENGSH7760-10-503HC	\$449

Note: 1. These Zoom SDK configurations are non-RoHS compliant.

## ZOOM™ Display Kit Ordering Information

Model Number	Sharp LCD PN	Display Size	Display Format	LCD Interface	Key Features
LCD-3.6-QVGA-10R	LQ036Q1DA01	3.6"	QVGA 320x240	TFT	Color, transmissive w/HRTFT ASIC
LCD-6.4-VGA-10R	LQ64D343	6.4"	VGA 640x480	TFT	Color, transmissive

### LOGIC WEBSITE :: DESIGN RESOURCES:

- +Logic Technical Support : <http://www.logicpd.com/support/>
- +Technical Discussion Group : <http://www.logicpd.com/support/tdg/>
- +Frequently Asked Questions (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<sup>2</sup>

### Card Engine Included

- +Includes associated SOM Card Engine

### LCD Display Connector

- +Integrated LCD, touch, and backlight connector for Zoom Display Kits

### Audio<sup>3</sup>

- +Stereo input and output jacks

### Network Support

- +One RJ45 Ethernet jack connector with magnetics (application/debug)

### PC Card Expansion

- +CompactFlash® Type I card (memory-mapped mode only)

### USB<sup>3</sup>

- +One USB 2.0 full-speed host
- +One USB 2.0 full-speed device

### Serial Ports

- +115.2kbps RS-232 debug serial port

### Expansion Headers

- +Standard 100 mil pitch header
- +Access to all Card Engine signals

### Software<sup>3</sup>

- +LogicLoader™ (bootloader/monitor)
- +Windows® Embedded CE and Linux BSPs depending on Card Engine support

### Cables

- +Serial cable (null-modem)
- +Ethernet crossover cable
- +5 volt power supply (with Europe, Japan, UK, & US adapters)

### Mechanical

- +102 mm wide x 152 mm long x 16.8 mm high

### RoHS Compliant

### Notes:

- Exact product features depend upon the associated SOM.
- Please refer to the specific SOM product brief for peripherals & software support.