





- Fax and data modem options are supported for connected devices, kiosk, point of sale, security, and other applications
- CX95110 – Conexant’s SSF336/314 Serial V.34 High Performance Fax Modem with SmartDAA® Technology
- CX93010 - Conexant’s 4th generation SmartModem EVK USB Dongle Part Number CX-9Z-NR0226

**CX92735 Third Party Peripheral Hardware Support**

The CX92735 EVK interfaces with a number of third party hardware solutions, to extend functionality in areas such as networking, 3G connectivity, and touchscreen

- 3G / Broadband Cellular – The CX92735 EVK Supports the AnyDATA DTP-600W 3G High Speed Data Packet Access Module, through a USB interface. Driver support for this module is included in the CX92735 Linux SDK.
- WiFi – Conexant Supports WiFi network through USB WiFi peripherals from a number of major solution providers. WiFi drivers are included in both the ThreadX and Linux SDK’s.
- Bluetooth – To support advanced handsfree speakerphone and audio streaming applications, the CX92735 EVK supports the CSR BC5-MM Bluetooth 2.1 EDR solution. Application software support is included in the ThreadX SDK.
- Touchscreen – The EVK supports an 8” Surface Capacitive Touchscreen solution, including CX92735 touchscreen drivers for ThreadX and Linux. Resistive touchscreen drivers are also included in the ThreadX and Linux SDKs.

**CX92735 EVK Software and SDK Support**

The CX92735 EVK is available with either ThreadX or Linux Operating Systems. The EVK hardware is the same with each version. The CX92735 Threadx and Linux EVK software supports a robust feature set of functions, which customers can quickly customize or take to market using Conexant’s CX92735 SDK’s.

**CX92735-EVK-XThreadX EVK Software**

- Supports a full reference application for connected appliances and mobile phone call center functions
  - Call control with touchscreen control
  - Phone book sync
  - Multiple phone support
  - A2DP audio streaming
- Supports photo playback with full screen/split screen playback

- Thumbnail view
- Slideshow Duration and Transition Effects
- Zoom and Pan
- Real-time Clock with Alarm, Auto On / Off
- Imaging Features
  - o Mono / Sepia Image Manipulation
  - o On screen file management
- MP3 audio playback
- MJPEG / MPEG4 / H.264 playback
- WiFi network support for popular RSS services, including Flickr, Picassa
- Source code for these functions, to modify or extend these functions, is available with the CX92735 ThreadX SDK

**CX92735-EVK-L Linux EVK Software**

- Supports a 2.6.28-based Linux kernel environment that provides an open source development system and board support package, along with reference applications
- Touchscreen UI launchpad
- Photo Viewer
- Webkit Browser
- RSS Reader
- Media Player with UI
- Command Line Media Player
- Conexant JPEG Image Processing Reference Applications
- WiFi (802.11n) and Ethernet Drivers
- AnyDATA HSDPA 3G Modem Driver (model DTP-600W)
- Conexant CX93010 Linux Modem Driver
- Conexant CX93510 JPEG Encoder with BT.656 Camera Interface - PIR Sensor /Camera / EVK Reference Application. This Linux application will capture an image from the CX93510, store it in the CX92735 EVK memory, and email or post this file over WiFi, Ethernet, or AnyDATA 3G HSDPA modem.

The Conexant CX92735 ThreadX and Linux EVK systems are flexible, robust environments to evaluate and begin development of unique interactive display applications, leveraging the strengths of the CX92735, Conexant software, and Conexant and third party peripherals.



Linux EVK/BSP SDK Software



ThreadX EVK/SDK Software

**Conexant Product Portfolio**

Conexant’s comprehensive product portfolio includes solutions for imaging, audio, embedded modem and video surveillance applications.

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**www.conexant.com**  
 General Information:  
 U.S. and Canada: (888) 855-4562  
 International: 1+ (949) 483-3000  
 Headquarters  
 4000 MacArthur Blvd.  
 Newport Beach, CA 92660  
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