



PRESS RELEASE

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For immediate release

e-con Systems announces Cortex A9 Computer on module

eSOMiMX6 System On Module with ARM Cortex™ A9 Processor running up to 1.2GHz, Features 3 high speed camera interfaces with support for 13M pixel camera

St. Louis, USA / Chennai, India – Nov 26, 2014 e-con Systems Inc., a leading embedded design services company specializing in Computer on modules, announces the launch of its [eSOMiMX6 Computer on module](#). The eSOMiMX6 Computer-on-Module is based on Freescale's iMX6 processor. e-con Systems already has dozens of customers in mass production using computer on modules, such as the [eSOM3730](#), [eSOM270](#) and [eSOM300](#).

eSOMiMX6 is a ready to use System-On-Module using Quad, Dual or Solo ARM Cortex™ A9 Processor running up to a speed of 1.2GHz. e-con's i.MX6 system on module encompasses eMMC Flash whose capacity ranges from 4GB to 64GB and 64 bit LVDDR3 with capacity as low as 256MB to as high as 2GB. eSOMiMX6 is custom micro Qseven® form factor compatible module providing all possible connecting options for Industrial products. e-con's i.MX6 system on module is available with preloaded Windows embedded compact 2013 BSP, Linux or Android BSP.

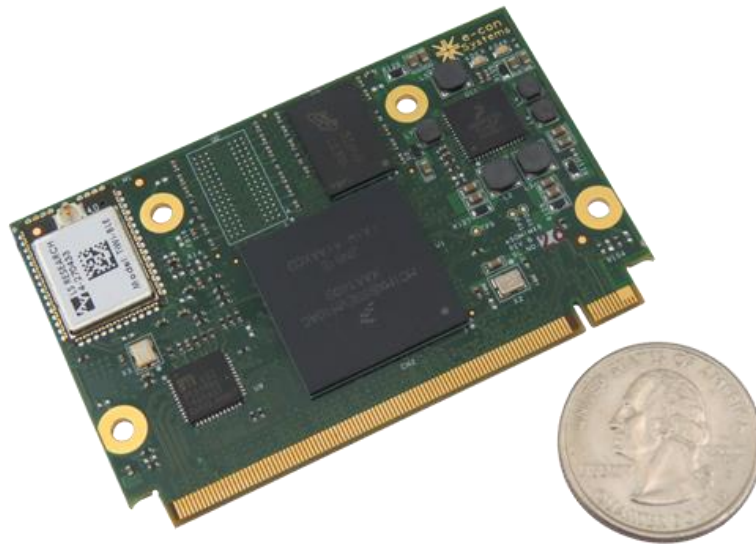


Fig 1 – eSOMiMX6 – i.MX6 Computer on module

“We are proud to launch the eSOMiMX6, the next product of our eSOM family of Computer-on-Modules based on the popular i.MX6 CPU from Freescale within one year from the launch of our eSOM3730. With built-in WiFi/BT and Gigabit Ethernet transceivers, our [eSOMiMX6](#) is a highly integrated SOM and is supported with Windows Embedded, Linux and Android and is available as production-ready. By building the end products based on our SOM, customers can concentrate on their business logic and application development, leaving the tedious and often time-consuming task of maintain platform software on e-con's shoulder”, said Ashok Babu, President of e-con Systems.

“Customers can also engage with e-con's in-house team of expert engineers in hardware design, Windows Embedded Compact, Linux and Android to develop the products in a cost-effective way and launch their products in to the market faster than ever before” he added.



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The eSOMiMX6 has an operating temperature range of -40°C to +85°C making it suitable for products to be used in fluctuating temperature ranging from freezing to higher temperatures. The features of this Computer on module includes Full HD@30fps (1080p) Video encoding & decoding along with 3D graphic acceleration that enables the product to be used in high end graphics application. With inbuilt Wi-Fi and Bluetooth (BLE), eSOMiMX6 enables the product usage for IoT, cloud computing etc. The eSOMiMX6 enables simultaneous streaming of 3 cameras enabling the product usage for 360° viewing applications.

eSOMiMX6 integrates Processor with best in class ARM with its necessary memory and connectivity option in a small form factor. As part of the “Productized Services” program of e-con Systems, the eSOMiMX6 is aimed at reducing the time-to-market for our customers by making use of the stabilized and ready-to-market eSOMiMX6 modules in the customer applications such as but not limited to Portable Data Terminals, Navigation, Auto infotainment, Industrial Control, Wireless Streaming, etc. eSOMiMX6 modules with various configurations and OS support will enable our customers to focus on their application design rather than spending large unnecessary engineering man-hours involved in CPU/memory subsystem design.

Pricing and availability

The eSOMiMX6 at volumes is available at USD 47 onwards and samples can be bought from the [Webstore](#).

Evaluation kit

Customers willing to evaluate the eSOMiMX6, can own it by ordering the [ANKAA](#) development kit from e-con’s [Webstore](#). The development kit among other accessories also features a 13MP camera board, 5 MP camera board and 10.4 inch LCD daughter board.

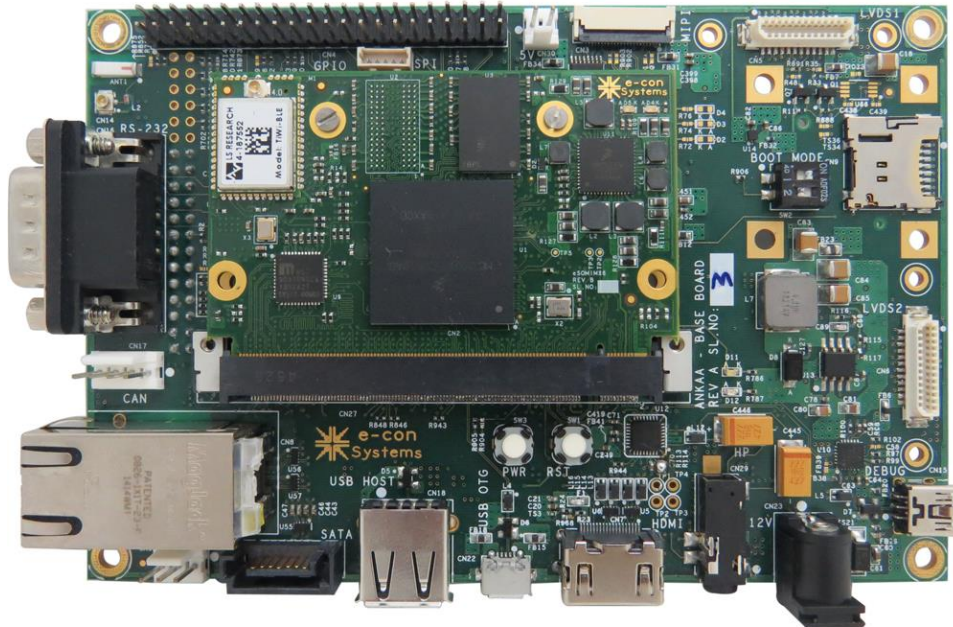


Fig 2: Ankaa – eSOMiMX6 Rapid development kit.

For more information, visit the [eSOMiMX6](#) and the [ANKAA](#) web pages. Also watch demo of Ankaa running Linux at https://www.youtube.com/watch?v=6r_OUepAs10 and demo of Ankaa running Android at <https://www.youtube.com/watch?v=psCwAD5Bfp4>



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About e-con Systems

e-con Systems, acknowledged by Microsoft as a Windows Embedded Gold Partner, is an embedded product development services company focused on end-to-end product development. To support customers on their journey towards product development, e-con offers building blocks like Computer on modules and camera modules. In addition to this, e-con Systems provides an array of services like Windows Embedded BSP development, Windows Embedded driver development and also helps the customers in engineering the complete product. Some of the products running e-con Systems computer on module with Windows Embedded Compact include handheld data loggers, fork lift dash boards, handheld point of sale, lighting control panels and vehicle infotainment systems.

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