



PRESS RELEASE

e-con Systems Inc.

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For immediate release

e-con Systems announces their new System-On-Module aimed for Applications which require higher GPU performance and faster network connectivity.

eSOMiMX6PLUS System-On-Module is based on NXP's QuadPlus ARM Cortex™ A9 Processor running up to 1.2GHz, featuring 3 high speed Camera interfaces with support for 13MP Camera and supporting 802.11 ac Wi-Fi network.

St. Louis, USA / Chennai, India – Aug 09, 2018 e-con Systems Inc., a leading embedded design product company specializing in System-On-Modules, announces the launch of its [eSOMiMX6PLUS System-on-module](#). The eSOMiMX6PLUS System-On-Module is based on NXP's i.MX6 QuadPlus processor family. e-con Systems already has dozens of customers in mass production using computer on modules, such as the [eSOMiMX7](#), [eSOMiMX6-micro](#), [eSOMTK1](#), [eSOMiMX6](#), [eSOM3730](#) and [eSOM270](#).

eSOMiMX6PLUS is a ready to use System-On-Module using Quad Plus or Dual Plus ARM Cortex™ A9 Processor running up-to speeds of 1.2GHz. This System-On-Module encompasses eMMC Flash whose capacity ranges from 4GB to 64GB and 64-bit DDR3 with capacity as low as 256MB to as high as 4GBytes. e-con's i.MX6 System-on-Module is available with Linux and Android BSP.



Fig 1 – eSOMiMX6PLUS – i.MX6 QuadPlus/DualPlus Computer on module

“With the latest eSOMiMX6Plus version in the eSOMiMX6 family, e-con covers the entire spectrum of low-end single core eSOMiMX6 System-on-Module to the most powerful quad core version of i.MX6 SOM with even higher graphical performance and memory capacities, all in the same form-factor”, said Ashok Babu, President of e-con Systems.

Thanks to the NXP's i.MX6 QuadPlus processor which has advanced graphics, prefetch and resolve engine and optimized 64-bit DDR3 memory, eSOMiMX6PLUS System-On-Module is an ideal multicore platform for leading edge consumer and industrial multimedia applications that require higher graphics performance. With on-board 802.11 ac Wi-Fi and Bluetooth 4.2 combo module, eSOMiMX6PLUS enables the product usage for Wireless Streaming applications, IoT, Cloud computing etc. The eSOMiMX6PLUS enables simultaneous streaming of 3 Cameras enabling the product usage for 360° viewing applications. The eSOMiMX6PLUS has an operating temperature range of -40°C to +85°C making it suitable for products used in wide temperature ranges.



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eSOMiMX6PLUS integrates Processor with the best in class ARM core with its necessary memory and connectivity option in a small form factor. As part of the “Productized Services” program of e-con Systems, the eSOMiMX6PLUS 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. eSOMiMX6PLUS 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 eSOMiMX6PLUS at volumes is available at USD 79 onwards and samples can be bought from the [Webstore](#).

Evaluation kit

Customers wanting to evaluate the eSOMiMX6PLUS, can do so by ordering the [AnkaaPLUS](#) development kit from e-con’s [Webstore](#). The development kit, among other accessories, also includes a 13MP camera board, 5 MP camera board and 7” LCD panel.



Fig 2: AnkaaPLUS – eSOMiMX6PLUS Rapid development kit.

For more information, visit the [eSOMiMX6Plus](#) and [AnkaaPLUS](#) web pages. Also watch the Demo of eSOMiMX6 QuadPlus at <https://youtu.be/vFdliorMocU>.

About e-con Systems

e-con Systems is a product company focused on OEM products with the sole motive to help customers to speed up the time to market. Founded in 2003, e-con Systems has been a pioneer in the OEM Cameras and System-on-Module products. E-con’s System-on-Modules are supported with reference design kits and board support packages for popular operating systems and application development frameworks. In addition, e-con also provides product development and customization services for our customers to speed



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up the time-to-market for our customers. e-con's OEM Camera modules include standalone MIPI camera modules and USB cameras. e-con Systems notable contribution has been in the launch of the World's first UVC Compatible USB 3.0 camera. e-con Systems was also the world's first standalone Stereo camera supplier. System-On-Modules include processors from NVIDIA, NXP(Freescale) and Texas Instruments. These System-On-Modules have support for Android and Linux.

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