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# Quad-core Snapdragon $75 embedded module by CompuLab delivers top performance in a tiny footprint

Yokneam, Israel – 13-May-2014 – CompuLab is introducing CM-QS600 – a miniature Computer-on-Module built around Qualcomm Snapdragon APQ8064 1.7GHz quad-core SoC with high-performance Adreno 320 GPU. CM-QS600 brings performance and power efficiency of embedded ARM to a new level, enabling design of cost-effective compute-intensive multimedia applications at a much smaller form-factor than ever before. Designed into a tiny footprint of 65 x 68 x 5 mm,

CM-QS600 comes with up-to 2GB DDR3 RAM and 32GB of on-board eMMC storage and provides extensive connectivity with dual-band WiFi 802.11, Bluetooth 4.0, Gigabit Ethernet, PCIe, USB, SATA, HDMI, LVDS, serial ports and I/O lines. CompuLab supports CM-QS600 with comprehensive documentation and full ready-to-run SW packages for both Linux and Android.

With best-in-class graphics and superior video capabilities CM-QS600 is a powerful platform for multimedia demanding applications such as digital signage, IPTV and media players. Miniature size, low power consumption and cutting-edge power management make CM-QS600 an excellent solution for portable and battery-powered systems.

“CM-QS600 has been designed to unleash the full potential of Qualcomm Snapdragon” said Igor Vaisbein, VP Business Development at CompuLab. “With CM-QS600 we measured twice the performance compared to current CoM offerings with no increase in power consumption. With tiny form factor and highly competitive price point CM-QS600 stands out as an extremely attractive embedded platform.”

## *Specifications*

**CPU** Qualcomm Snapdragon APQ8064 SoC, 1.7GHz

**Graphics** Adreno 320 GPU

**DSP** Hexagon QDSP6

**RAM** Up to 2GB DDR3

**Storage** Up to 32GB on-board eMMC

**Display** HDMI 1.4a, up-to 1920 x 1080

LVDS, up-to 2048 x 1536

**Audio** Audio codec with stereo line-out, line-in, mic

**Camera** MIPI-CSI, up-to 20MP

**Network** Gigabit Ethernet

Dual-band WiFi 802.11a/b/g/n

Bluetooth® 4.0 low-energy

**PCI Express** PCI Express Gen 2.0 interface

**SATA** SATA interface

**USB** Up to 3 USB2.0 high-speed ports

**UART**  Up to 5 UART ports

**SDIO** Up to 3 MMC/SD/SDIO interfaces

**I2C** Up to 5 I2C interfaces

**SPI** Up to 5 SPI interfaces

**GPIO** Up to 61 multifunction signals

**Power** 5VDC / Li-Ion battery

**Connector** 204-pin SO-DIMM edge connector

**Dimensions**  65 x 68 x 5 mm

## *Availability and Pricing*

CM-QS600 will be available in June 2014 through CompuLab direct sales ([www.compulab.co.il](http://www.compulab.co.il)) and through CompuLab’s worldwide distribution channel.

CM-QS600 will be offered at a variety of configurations starting from $75 for volume orders.

Detailed ordering and pricing information is available at [www.compulab.co.il/products/computer-on-modules/cm-qs600/](http://www.compulab.co.il/products/computer-on-modules/cm-qs600/).

## *About CompuLab*

CompuLab is a leading designer and manufacturer of embedded computing products since 1992.

CompuLab products are embedded in digital signage, telecommunication systems, automotive devices, gaming systems, medical devices, aerospace and marine systems, and countless other applications.

CompuLab headquarters are located in Yokneam, Israel with offices in St. Petersburg, FL.

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NOTE TO EDITORS: For additional info visit [www.compulab.co.il](http://www.compulab.co.il)