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Utilite2 powered by Qualcomm® Snapdragon™ processor is CompuLab's smallest Linux desktop ever

Yokneam, Israel - 1-December-2014 - CompuLab is introducing Utilite2 – the next generation of its highly acclaimed ARM-based Utilite desktop computer. Featuring a Qualcomm Snapdragon 600 processor with a quad-core 1.7GHz Krait™ 300 CPU and Adreno™ 320 GPU, 2GB RAM, eMMC and mSATA storage, Utilite2 delivers twice the performance of its predecessor. Designed into an elegant aluminum die-cast housing and measuring only 3.4" x 3.4" x 1.1", Utilite2 is also 30% smaller than the previous generation. With dual-antenna 802.11b/g/n WiFi, Bluetooth 4.0, Gbit Ethernet and cellular communication module expansion socket, Utilite2 provides an unprecedented array of networking interfaces.

Utilite2 will be offered with fully featured, desktop-grade Ubuntu Linux or Android operating systems delivering rich multimedia and PC-like user experience. Linux for Utilite2 will be supported in Linaro builds for Qualcomm Snapdragon 600 processor.

Designed as an open platform, developer-friendly commercial grade product, Utilite2 is particularly attractive to software developers. Utilite2 will be supported in main-line kernel and CompuLab intends to collaborate closely with the open-source community to expand the software eco-system around the platform.

"Doubling performance between Utilite generations while reducing form-factor is a noteworthy achievement," said Igor Vaisbein, VP Business Development at CompuLab. "High performance, best in class graphics and rich connectivity make Utilite2 an outstanding solution for a variety of applications such as media players, IPTV, infotainment systems, digital signage, thin client and small-footprint desktop replacement."

Utilite2 is designed for user serviceability – mSATA storage and cellular module socket are accessible through a removable bottom cover.

Specifications

CPU	Qualcomm® Snapdragon™ 600 APQ8064 quad-core Krait™ 300 CPU @ 1.7GHz
RAM	Up to 2GB DDR3-1066
Storage	mSATA SSD, up to 512GB eMMC 4GB Micro-SD SDXC, up to 128GB
Graphics	Qualcomm Adreno™ 320 GPU compliant with OpenGL ES 1.1 / 2.0 / 3.0 and OpenCL Video Processing Unit supporting 1080p H.264, MPEG2/4, DivX and VC-1 HW decoding
Display	HDMI 1.4a up to 1920 x 1080
Network	Gbit Ethernet Dual-antenna WiFi 802.11b/g/n Bluetooth 4.0 (low energy)
Cellular	USB cellular modem support through expansion socket (mini-PCIe form-factor) and on-board uSIM socket*
Audio	Stereo line-out and stereo line-in
USB	4x USB2.0 + USB OTG
Serial	Serial debug console via USB
Power supply	Unregulated 10 to 16 volt input
Power	3W – 8W
Enclosure	Passively cooled die-cast aluminum
Dimensions	3.4" x 3.4" x 1.1" – 85mm x 85mm x 27mm

* Compatible cellular module will be available from CompuLab as a separate cellular kit.



Availability

CompuLab will start accepting orders for Utilite2 in December 2014. Utilite2 pricing is yet to be finalized. CompuLab expects Utilite2 to offer a better price-performance ratio than that of its predecessor.

Utilite2 will be available in several configurations and is guaranteed for long term availability of 5 years.

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 <http://www.compulab.co.il/utilite-computer/web/home>

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