

25-March-2014

## CompuLab introduces CM-T54 – an OMAP5 ARM Cortex-A15 Computer-on-Module

Yokneam, Israel - 25-March-2014 – CompuLab is introducing the CM-T54 Computer-on-Module. CM-T54 is built around the Texas Instruments OMAP5432 system-on-chip featuring a high-performance dual-core ARM Cortex-A15 CPU running at 1.5GHz coupled with a PowerVR SGX544 GPU. The processor is supplemented with up-to 4GB DDR3 and up-to 32GB of on-board eMMC. In addition, CM-T54 features extensive connectivity offering a wide range of industry standard interfaces – Ethernet, SATA, USB3.0, RS232, WiFi 802.11, serial ports, I/O lines and ADC channels.

High performance Cortex-A15 core and advanced graphics capabilities make CM-T54 an excellent platform for multimedia demanding applications such as digital signage, industrial media players and IPTV.

CM-T54 is provided with full ready-to-run Linux and Android SW packages and comprehensive documentation.

### Specifications

<b>CPU</b>	Texas Instruments OMAP5432 dual-core Cortex-A15 CPU 1.5GHz
<b>Graphics</b>	PowerVR SGX544 GPU
<b>VPU</b>	IVA-HD video sub-system supports HD decoding / encoding
<b>DSP</b>	TMS320DM64 32-bit DSP core
<b>RAM</b>	Up to 4GB DDR3
<b>Storage</b>	Up to 32GB on-board eMMC
<b>Display</b>	HDMI 1.4 – up-to 1920 x 1080 @60Hz LVDS – up-to 1920 x 1080 @60Hz Parallel 24-bit display interface – up-to 1920 x 1080 @60Hz
<b>Network</b>	Ethernet WiFi 802.11b/g/n + Bluetooth® 3.0
<b>USB</b>	USB3.0 OTG + up-to 3 USB2.0 ports
<b>SATA</b>	SATA II, 3Gbps
<b>UART</b>	Up to 5 UART ports
<b>SDIO</b>	Up to 3 MMC/SD/SDIO interfaces
<b>I2C</b>	Up to 4 I2C interfaces
<b>SPI</b>	Up to 3 configurable SPI bus interfaces
<b>GPIO</b>	Up to 106 multifunction signals
<b>Audio</b>	Audio codec with stereo line-out, line-in, mic
<b>Touchscreen</b>	4/5/8-wire resistive touch-screen support Capacitive touch-screen support through SPI interface
<b>Camera</b>	Parallel camera 16-bit interface, up-to 148Mp/s Up-to three MIPI-CSI interfaces
<b>RTC</b>	Real time clock, powered by external lithium battery
<b>Power</b>	5V DC
<b>Connector</b>	204-pin SO-DIMM edge connector
<b>Dimensions</b>	73 x 68 x 5 mm



Hayetsira St. 17, Yokneam, Israel

Tel: +972-48-290-100

Fax: +972-48-325-251

[www.compulab.co.il](http://www.compulab.co.il)

---

## ***Availability and Pricing***

CM-T54 is available through CompuLab's worldwide distribution channel and through direct sales ([www.compulab.co.il](http://www.compulab.co.il)).

CM-T54 is offered at a variety of configurations starting from \$93 for volume orders.

Detailed ordering and pricing information is available at [www.compulab.co.il/products/computer-on-modules/cm-t54/](http://www.compulab.co.il/products/computer-on-modules/cm-t54/).

## ***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.

## ***Press Contact***

Igor Vaisbein

[igor@compulab.co.il](mailto:igor@compulab.co.il)

+972-4-8290143

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