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COM Express module by CompuLab delivers top performance with quad-core Intel Core Desktop processors

Yokneam, Israel - 27-July-2015 – CompuLab is introducing COMEX-IC40D – a COM Express Type-6 Computer-on-Module built around the Intel® Haswell Core™ Desktop processor family. High-performance quad-core CPU running at up to 3.2GHz and attractive pricing make COMEX-IC40D the most powerful COM Express module on the market with best-in-class price-performance ratio.

Featuring a rich set of industry standard interfaces, COMEX-IC40D is an excellent platform for networking, industrial automation, communications and IoT applications. Intel HD Graphics GPU and support for triple display operation make COMEX-IC40D a powerful solution for high-end multimedia applications such as digital signage, point of sale and surveillance. Support for wide temperature range of -40°C to 85°C allows COMEX-IC40D to be integrated into systems designed for industrial and outdoor installations.

COMEX-IC40D is fully compliant with the COM Express standard and has been designed for seamless integration into COM Express system designs.

CompuLab supports COMEX-IC40D with a highly versatile SB-COMEX-T6 carrier-board which has been designed to allow users full and easy access to all functions present on COM Express Type-6 modules. Combining extensive and highly configurable set of interfaces with rich debug functionality, SB-COMEX-T6 allows all around evaluation and SW development.

COMEX-IC40D is provided with comprehensive documentation and full support for Linux and MS Windows operating systems.

COMEX-IC40D Specifications

CPU	Intel Core i7-4790S quad-core 3.2GHz, LGA-1150, 65W TDP Intel Core i5-4590T quad-core 2.0GHz, LGA-1150, 35W TDP Intel Core i3-4350T dual-core 3.1GHz, LGA-1150, 35W TDP Intel Celeron G1820TE dual-core 2.2GHz, LGA-1150, 35W TDP
Chipset	Intel Q87
RAM	Up to 16GB DDR3L-1600, 2x SO-DIMM 204-pin
Storage	4x SATA 6Gb/s
Display	Intel HD Graphics 4600 2x DDI: HDMI / DVI / DP / DP++, up-to 3840 x 2160 eDP v1.2 up to 3840 x 2160 / dual-channel LVDS, up-to 1920 x 1200 Optional VGA, up to 1920 x 2000
Network	Gigabit Ethernet, Intel I218 GbE PHY
Audio	HD Audio Interface
PCI Express	1x PCIe x16 (PEG) Gen. 3.0 7x PCIe x1 Gen. 2.0
USB	4x USB3.0, 8x USB2.0
General I/O	2x UARTs, LPC, I2C, SMBus, fan control, 8x GPIOs
Supply Voltage	Single 12V DC
Form factor	COM Express Basic (125 x 95 mm), pin-out Type-6



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Availability and Pricing

COMEX-IC40D will be available in August 2015 through CompuLab's worldwide distribution channel and through direct sales (www.compulab.co.il).

Detailed ordering and pricing information is available at:
www.compulab.co.il/products/com-express/comex-ic40d/

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 and high-res product images please refer to the [COMEX-IC40D press kit](#) or visit www.compulab.co.il.