

CompuLab is introducing Intense PC – the most powerful miniature fanless PC ever

Yokneam, Israel – 27-Feb-12 – CompuLab is introducing Intense PC. Based on 2nd Generation Intel® Core™ Processor – Intense PC is the first miniature fanless PC on the market having performance of a full desktop system.

Intense PC is measuring just 7.5” x 6.3” x 1.57”. The passively-cooled metal housing packs 2nd Generation Intel® Core™ i7 Processor with up to 16 GB dual channel DDR3-1333 providing blazing fast performance – never before seen on a miniature fanless system.

“Since 2007 CompuLab’s fit-PC product line is the standard-to-beat in PC miniaturization and low-power fanless design,” said Irad Stavi, Director of Business Development at CompuLab. “Intense PC brings a new level of performance without compromising any of fit-PC’s unique features. You can think of Intense PC as fit-PC on steroids.”

Intense PC is the most feature-rich ultra-small PC on the market - having dual-head high definition displays, 7.1 channels digital audio in/out, dual GbE, 2 USB3 ports, integrated hard disk plus dual eSATA, 2 mini-PCIe sockets, 802.11n WiFi with 2 antennas and even a serial port. In addition, Intense PC incorporates the same FACE Module (Function And Connectivity Extension Module) found in fit-PC3 for extending further the functionality of the computer.

“CompuLab expertise in tight integration and advanced thermal design was found to be critical during the development of Intense PC,” said Stas Lapchev, Intense PC Project Manager at CompuLab. “We see bringing this kind of performance into a fanless design as a major achievement. Intense PC consumes just 8W in idle, yet both CPU cores can reach 2.4 GHz when Intel® Turbo Boost kicks in - thanks in large part to the groundbreaking power management of the 2nd Generation Intel® Core™ i7 Processor.”

Intense PC customization

Intense PC was designed with customization and extensibility in mind. Hard disk, RAM and mini-PCIe cards are all accessible through a one-screw service door at the bottom of the computer. CompuLab is offering several types of FACE Modules – including FM-LAN with 4 GbE ports (for a total of 6), and FM-XTD with 2 mini-PCIe sockets (for a total of 4). FACE Module specifications and reference designs are published to allow 3rd parties to design their own FACE Modules. Intense PC is also available with OEM branding.

Specifications

CPU:	Intel® Core™ i7-2610UE Processor (4M Cache, 1.50 GHz dual-core) with Intel® HD Graphics 3000 Intel® Core™ i3-2340UE Processor (3M Cache, 1.30 GHz dual-core) with Intel® HD Graphics 3000 Intel® Celeron® Processor 847E (2M Cache, 1.10 GHz dual-core) with Intel® HD Graphics 2000 Intel® Celeron® Processor 827E (1.5M Cache, 1.40 GHz) with Intel® HD Graphics 2000
Chipset:	Intel® HM65 Express Chipset
RAM:	Up to 16 GB dual channel DDR3-1333 using two SO-DIMM sockets
Storage:	Internal 2.5” hard disk or SSD - SATA3 6 Gbps 2x eSATA ports – SATA2 3 Gbps mSATA socket (shared with mini-PCIe socket)
Display:	HDMI 1.4 up to 1920x1200 with 3D support DisplayPort up to 2560x1600
Audio:	7.1 channels S/PDIF in/out, stereo line-out, mic
LAN:	2x GbE ports
WLAN:	WiFi 802.11b/g/n (2 antennas) + Bluetooth® 3.0
USB:	2x USB3 ports 5 Gbps 2 USB2 ports 480 Mbps
Serial:	RS232 full UART via mini serial connector
Power:	8 – 16V
Dimensions:	7.5” x 6.3” x 1.57” (19 x 16 x 4 cm)



Availability and Pricing

Intense PC will be available during Q2 2012 through fit-PC worldwide distribution channel and through fit-PC webstore (www.fit-pc.com). Intense PC will be offered at a variety of configurations starting from \$399.

Intense PC is demonstrated live at Embedded World 2012 Nuremberg, Germany from 28-Feb to 1-Mar at CompuLab's booth – Hall 2/2-405.

About CompuLab

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

CompuLab's fit-PC line of miniature, fanless PCs - introduced in 2007 – positioned CompuLab as an industry leader in the field of miniature, fanless industrial PCs.

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.intensepc.com