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CompuLab introduces uSVR – ruggedized high performance fanless micro-server

Yokneam, Israel - 17-April-2013 – CompuLab is introducing the CompuLab uSVR – a high performance fanless server based on 3rd Generation Intel® Core™ Processor with 4 internal 2.5” hard disks in RAID 5, up to 32 GB ECC RAM and up to 6 Gbit Ethernet ports.

CompuLab uSVR is encased in an all-aluminium passively cooled chassis measuring only 6 x 16 x 26 cm making it an ideal platform for industrial applications as well as outdoor installation. Low power consumption of 8W to 35W combined with an extended temperature operation range of -20 to 60 deg. C and the absence of fans and vent-holes are positioning CompuLab uSVR as a unique computing solution for harsh environments.

“The embedded industry recognizes CompuLab fit-PC and Intense PC as top brands where low-power, small size and reliability matter” said Igor Vaisbein, VP Business Development at CompuLab. “With the uSVR CompuLab keeps pushing the envelope of fanless ruggedized computing into the industrial-server market where high performance, virtualization and high-capacity storage are a must”.

“CompuLab made no compromise with the design of uSVR” said Stas Lapchev, CompuLab uSVR architect. “On top of the server-class ECC RAM and RAID storage we incorporated rich server-ready I/O that can be extended further with FACE Modules, while advanced remote management takes advantage of built-in Intel AMT 8.x. Special attention was given to electronics power architecture and system thermal design to achieve an extremely low-power small-footprint system that is passively cooled in effective manner.”

Specifications

CPU	3rd generation Intel® Core™ i7-3555LE processor (2.50 GHz 64 bit dual-core) with Intel® HD Graphics 4000 3rd generation Intel® Core™ i7-3517UE processor (1.70 GHz 64 bit dual-core) with Intel® HD Graphics 4000 Intel® Celeron® processor 1047UE (1.40 GHz 64 bit dual-core) with Intel® HD Graphics 2500
Chipset	Mobile Intel® QM77 Express Chipset
RAM	Up to 32 GB dual channel ECC DDR3-1600 using two SO-DIMM sockets
Storage	Up to 4 internal 2.5” hard disks, RAID 0,1,5,10, JBOD Up to 480GB mSATA SSD boot storage eSATA port for external hard drive
Display	HDMI 1.4a up to 1920x1200 with 3D support DisplayPort up to 2560x1600
Network	Up to 6x GbE ports WiFi 802.11b/g/n (2 antennas) + Bluetooth® 3.0
Remote Monitoring	Intel AMT 8.x with KVM, IDE-R and SOL support
Security	TPM security device, rev 1.2
USB	2x USB3 ports 5 Gbps 2x USB2 ports 480 Mbps 4x USB2 ports 480 Mbps with an optional FACE Module
Serial	RS232 via mini serial connector
Audio	7.1 channels S/PDIF in/out, stereo line-out, mic
Power	9.5 – 15V
Dimensions	6 x 16 x 26 cm



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Availability and Pricing

CompuLab uSVR is available through CompuLab's worldwide distribution channel and through direct sales (www.compulab.co.il). uSVR is offered at a variety of configurations starting from \$556 for volume orders.

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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