

Press Release

## **Swissbit: New 8GB DDR3 modules for high end industrial PCs and servers**

**Bronschhofen, Switzerland – January xx, 2012 – Swissbit extends its INDUSTRIAL family of high performance / high reliability SDRAM memory products by three new 8GB density modules: the 8GB DDR3 SODIMM, the 8GB DDR3 SO-UDIMM with ECC and the 8 GB Registered DIMM. These modules offer highest DDR3 memory capacity on the smallest possible system area and enable applications with high need of main memory running on latest multi-Core CPUs.**



The three module types are using the latest Samsung 4Gb DDR3 components, offering the smallest module dimensions and extremely low power consumption compared to 2Gb based solutions. They allow system populations of 16GB on COM or SBC boards and even higher densities on industrial servers. The low power consumption guarantees reliable operation in systems with critical cooling conditions and supports the green environmental initiatives, saving valuable resources.

The 8GB SODIMMs are available with or without ECC support, running at DDR3-1333.

The 8GB registered DIMM comes in an ultra low profile form factor with a height of only 0.7inch or 17.8mm thanks to the small DRAM package size and therefore is ideally suited for blade systems.

Intensive testing of each module at low and high temperatures guarantees for a high quality product. The modules are available in both commercial 0°C to +85°C ( $T_{Case}$ ) and industrial -40°C to +95°C ( $T_{Case}$ ) temperature grades at PC3-10600 speed grade.

The 8GB modules are compliant to the respective JEDEC DDR3 specifications and are supported by the latest DDR3 memory controllers.

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**About Swissbit:**

Swissbit is the largest DRAM memory module and Flash storage device manufacturer in Europe. Created from a management buyout of the Siemens HL Business Unit in 2001, Swissbit has today facilities in Switzerland, Germany, Japan, and the United States. Swissbit offers industrial DRAM memory modules in all popular technologies and Flash industrial storage product families including SSD (SATA and PATA interfaces), m-SATA, slim-SATA, CFast, CF, SD, uSD, MMC and USB. All Swissbit products meet highest quality criteria and RoHS and REACH directives. The target markets for the Swissbit products are industrial electronics, automotive, railway technology, wired telecommunications, medical electronics as well as aerospace/defense. Additional company and product information is available at [www.swissbit.com](http://www.swissbit.com).

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