

Industry Sector Industry Automation Division

Nuremberg (Germany), November 27, 2008

Flat, industrial rack PC for demanding automation tasks

Siemens's Industry Automation Division has added a compact, industrial-standard device to its range of 19 inch rack PCs. The new 647B Simatic rack PC, at just two height modules (HM), is only half the height of the comparable 847B rack PC. Its small, space-saving, mounting depth enables it to be installed in standard control cabinets with a minimum depth requirement of only 500 millimeters. The PC's powerful Intel Core2 dual central processor also makes it suitable for demanding automation tasks, such as processing large quantities of data for measuring tasks and industrial image processing. This new industrial PC comes in an all-metal enclosure and features a high degree of electromagnetic compatibility as well as high resistance to impacts and vibration. It is suitable for use in industrial environments with ambient temperatures up to 50 degrees Celsius. The enclosure is opened easily by loosening just one screw and, when required, the double front fan and filter mat can be replaced without using a tool.

The new 647B rack PC has six USB 2.0 ports, of which two are on the front, two PCI slots, a PCIe x16 slot and two "team-capable", gigabit Ethernet ports. Clearly visible LEDs on the front help the user to make a quick PC diagnosis and show, for example, the status of RAID1, Ethernet, temperature and fans. Optionally available are a high performance PCI Express x16 graphics card for "Dual View" or "Display-Clone", a DVD-RW burner, and pre-installed, activated Windows XP Professional, Vista Ultimate and Server 2003 operating systems.

Further information can be found on the Internet at: www.siemens.com/simatic-pc

A photo accompanies this press release. You can find this photo on the Internet at: www.siemens.com/ad-picture/1662

You can find the text on the Internet at: www.siemens.com/automation/press



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Please phone us if you require a copy of the photo.

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The **Siemens Industry Sector** (Erlangen, Germany) is the worldwide leading supplier of production, transportation and building technologies. With integrated hardware and software technologies as well as comprehensive Industry-specific solutions, Siemens increases the productivity and efficiency of its customers in the fields of industry and infrastructure. The Sector consists of six divisions: Building Technologies, Industry Automation, Industry Solutions, Mobility, Drive Technologies and Osram. With around 209,000 employees worldwide Siemens Industry achieved in fiscal 2007 total sales of approximately EUR40 billion (pro forma, unconsolidated). www.siemens.com/industry

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The **Siemens Industry Automation Division** (Nuremberg, Germany) is a worldwide leader in the fields of automation systems, low-voltage switchgear and industrial software. Its portfolio ranges from standard products for the manufacturing and process industries to solutions for whole industrial sectors that encompass the automation of entire automobile production facilities and chemical plants. As a leading software supplier, Industry Automation optimizes the entire value added chain of manufacturers – from product design and development to production, sales and a wide range of maintenance services.