Embedded IPC ThinkIO-Duo with fieldbus connection

Flexible and open OEM platform for future-proof networking

Eching, Germany, April 21, 2008 – The Kontron ThinkIO-Duo DIN rail PC is now equipped with Profinet RT Controller, Profibus DP and CANopen Master functionality for connection to distributed industrial Ethernet devices in addition to traditional fieldbus components. The flexible platform concept enables the development of further project specific protocols without any adjustment to driver software.

With a depth of 70 mm and a connector-level depth of 35 mm the extremely compact and passive cooled Kontron ThinkIO-Duo DIN rail PC comes with the Intel® Core™ Duo processor U2500 with a clock frequency of 1.2 GHz and 512 MB or 1 GB of RAM. In addition to the high performance processor and internal Flash (512 MB/2 GB), the embedded IPC with a robust aluminium casing offers an optional Compact Flash socket for data storage or for backups/updates, 512KB non-volatile memory and all standard PC interfaces (2 x USB 2.0, RS232, DVI-I) and 2 x GBit LAN interfaces. The Kontron ThinkIO therefore enables remote access or connection to a company's IT infrastructure (ERP systems and databases). The interruptible onboard inputs can be used for quick reaction to important events, such as failure of the 24 V power supply when using an external uninterrupted power supply or transgressing an end switch. A watchdog and real-time clock round off the features.

The Kontron ThinkIO-Duo DIN rail PC requires neither batteries nor fans and is therefore maintenance-free. Since it has no moveable components, such as rotating disks, it is ideal for use in environments where shock and vibrations are expected. Moreover, it is designed with exclusively soldered components.

In addition to Windows XP Embedded, Kontron offers a real-time Open Source Automation Development Lab (OSADL) software package as standard for the Kontron ThinkIO-Duo DIN rail PC. The use of the Linux operating system has been steadily increasing over the last four years and continues to be an increasingly popular choice for automation projects. Long term availability, stability, universal communication and visualization are the decisive benefits. The OSADL, of which Kontron is a member, is a further step towards standardization and wider acceptance.

With the Kontron ThinkIO-Duo DIN rail PC the company's customers benefit from reduced time-to-market since they can build upon an open platform and thereby concentrate on their core competences, such as application programming software and system/portfolio integration. The maintenance-free, flexible and robust design also reduces the total cost of ownership for end customers.

For more information: http://www.kontron.com/ThinkIO

About Kontron

Kontron designs and manufactures standard-based and custom embedded and communications solutions for OEMs, systems integrators, and application providers in a variety of markets. Kontron engineering and manufacturing facilities, located throughout Europe, North America, and Asia-Pacific, work together with streamlined global sales and support services to help customers reduce their time-to-market and gain a competitive advantage. Kontron's diverse product portfolio includes: boards and mezzanines, Computer-on-Modules, HMIs and displays, systems, and custom capabilities. Kontron is a Premier member of the Intel® Embedded and Communications Alliance. The company is a recent three-time VDC Platinum vendor for Embedded Computer Boards. Kontron is listed on the German TecDAX stock exchange under the symbol "KBC". For more information, please visit: www.kontron.com.

Digital text (PDF):   http://www.kontron.com/pr/DIN-rail-PC-ThinkIO-Duo-Fieldbus-080421EMEA.pdf
Digital image (jpg):   http://www.kontron.com/pr/DIN-rail-PC-ThinkIO-Duo-Fieldbus-080421EMEA.jpg

For more information:

Reader contact EMEA:
Kontron AG
Oskar-von-Miller-Strasse 1 /
85386 Eching/Munich
Germany
Tel: +49 (8165) 77-777
Fax: +49 (8165) 77-279
http://www.kontron.com
sales@kontron.com

Editor contact EMEA:
Michael Hennen
SAMS Network
Zechenstraße 29
52146 Wuerselen
Germany
Tel.: +49 (0)2405-45267-20
Fax: +49 (0)2405-45267-21
michael.hennen@sams-network.com

Reader contact Americas:
Kontron America Inc.
14118 Stowe Dr
Poway, CA 92064-7147
United States of America
Tel: +1 (888)-294-4558
Fax: +1 (858) 677-0898
sales@us.kontron.com
www.kontron.com

Editor contact Americas:
Richard Pugnier
Kontron America Inc.
14118 Stowe Dr
Poway, CA 92064-7147
United States of America
Tel:+1 (858) 623-3006
Fax:+1 (858) 677-0615
richard.pugnier@us.kontron.com