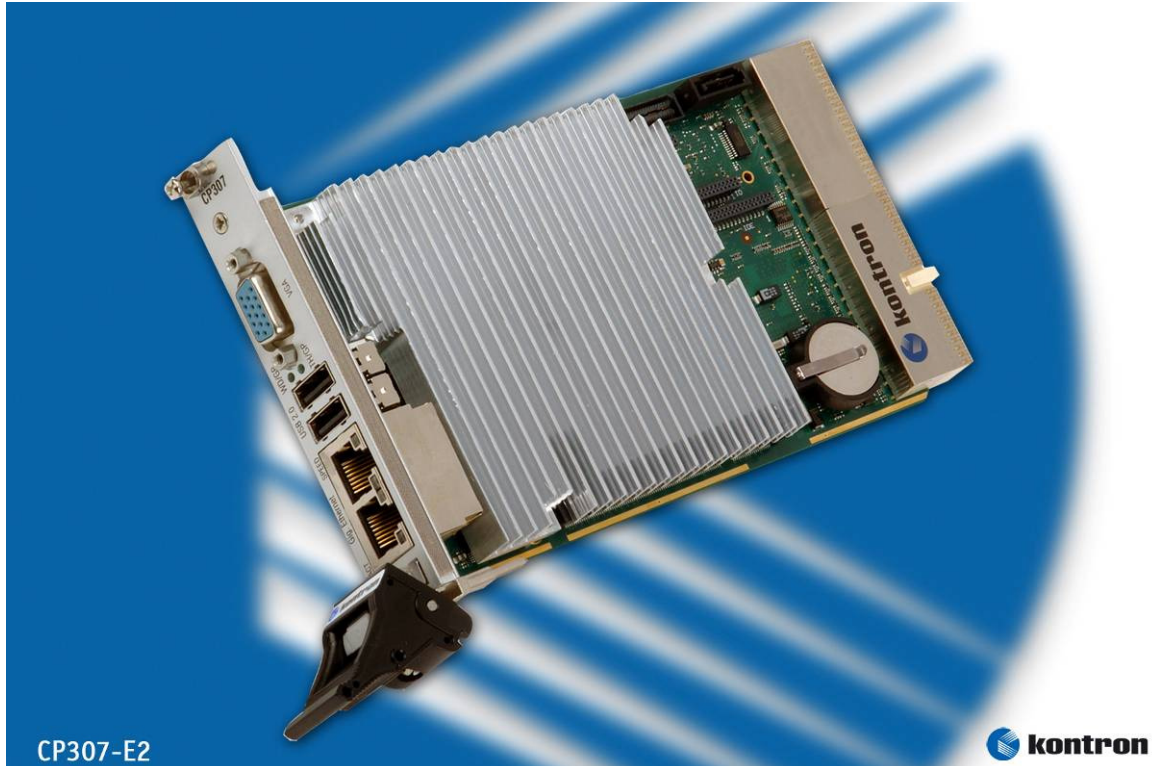


Kontron CP307-E2: 3U CompactPCI Multi-Core CPU Board for Extended Temperatures from -40 °C to +85 °C

CompactPCI Intel® Core™ Duo Performance for Extreme Temperature Applications



Eching/Nuremberg, Germany, November 28, 2007 – Today, Kontron (SPS/IPC/DRIVES Hall 7 / Booth 7-306) introduced the CP307-E2, an extended temperature version of the highly popular Kontron CP307 3U CompactPCI CPU board. Based on the Intel® Mobile 945GM Express chipset and ICH7-R Southbridge, this latest Kontron 3U CompactPCI board incorporates PCI Express for high I/O bandwidths achieving unprecedented performance-per-watt values even in the extended temperature range of -40 °C to + 85 °C.

Designed with soldered processor and memory to handle the toughest environmental conditions, the high performance Kontron CP307-E2 CompactPCI board is extremely attractive for any market where boards have to meet and exceed even the most demanding requirements. For example, designers should consider this Kontron CompactPCI platform for industrial robots, vision systems and mobile data capture systems. In addition, the Kontron CP307-E2 is ideal for aerospace, railway and maritime applications.

The Kontron CP307-E2 CompactPCI board reaches unparalleled levels of performance thanks to its dual core technology with the Intel 1.2 GHz Core Duo processor, 533 MHz front side bus, and a maximum of 4GB DDR2-SDRAM with 2GB as soldered memory and additional 2GB via a DDR2-

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3U CompactPCI Multi-Core CPU Board
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SODIMM socket. On board are 2 x GBit Ethernet, up to 6 x USB 2.0, two SATA interfaces, and a Compact Flash slot for up to 8GB of storage media. The graphics accelerator integrated into the Mobile Intel 945GM Express provides excellent 2D, 3D and video features for VGA and DVI, with the possibility of dual operation. Kontron's latest 3U CompactPCI board is available as single slot (4HP) or dual slot (8HP). In the 8HP version, it offers additional legacy support, COM, DVI, and a 2.5 inch SATA carrier. The Kontron CP307-E2 also supports rear I/O assemblies, which offers designers flexibility in terms of system design.

Board support packages are offered for Windows XP, XP Embedded, Linux, and VxWorks.

The Kontron CP307-E2 3U CompactPCI board is available now.

For more information, please visit <http://www.kontron.com/CP307-E2>

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About Kontron

Kontron designs and manufactures standard-based and custom embedded and communication 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: Computer-on-Modules, SBCs/blades, open-modular platforms and systems, HMIs, and custom capabilities. Kontron is a Premier member of the Intel® Embedded and Communications Alliance and was awarded 2006 Intel Member of the Year. 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/CompactPCI-3U-CPU-Board-CP307-E2-ENG071128.pdf>
Digital image (jpg): <http://www.kontron.com/pr/CompactPCI-3U-CPU-Board-CP307-E2-071128.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
Schulstr. 2
52134 Herzogenrath
Germany
Tel: +49 (2407) 9517-600
Fax: +49 (2407) 9517-605
michael.hennen@sams-network.com

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