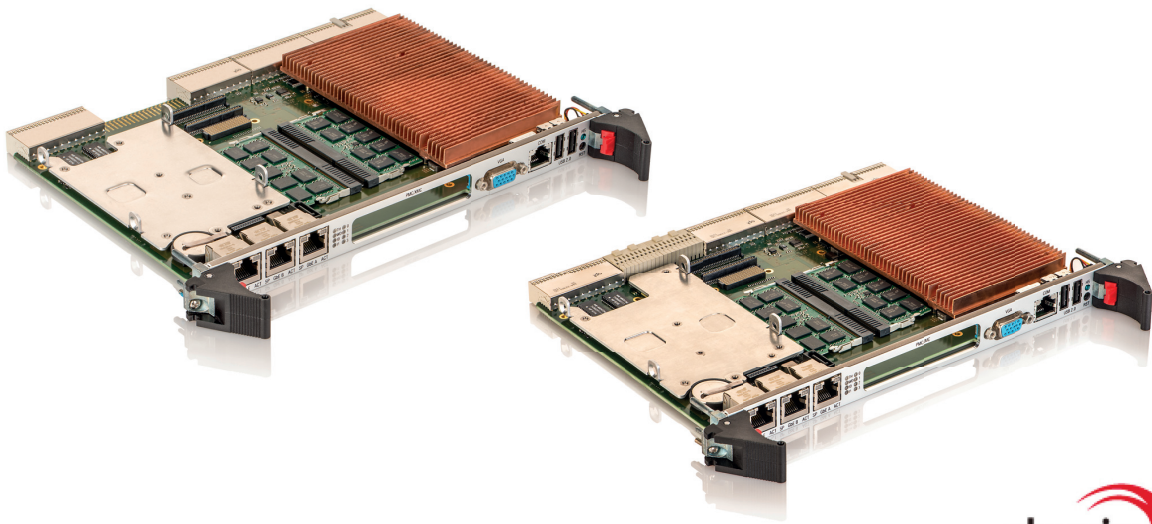


# » EFIBIOS B4001 for CP6005 «



## Kontron EFIBIOS B4001 for CP6005

- » Phoenix SCT uEFI compliant
- » Supports BIOS based OS's via compatibility support module (CSM) as well as modern EFI aware Operating systems
- » Primary and recovery BIOS SPI bootflash, switchable via DIP switch or IPMI command
- » EFI shell with Kontron extensions

## EFIBIOS B4001 for CP6005

The Kontron EFI for B4001 platform is a uEFI compliant firmware solution based on American Megatrends Aptio. It supports ACPI, DMI and similar industrial standards required to support all typical operating systems of the 32 and 64 bitPC world. It is able to boot from all types of

mass storage connectable and via network by using the PXE protocol. In addition it supports full recovery and non-volatile settings for fail safe operation. Serial redirection and the powerful uEFI shell environment allow easy remote management.

Technical Information	
<b>Phoenix Secure Core Tiano 3</b>	Console redirection. Default enabled. SPCR support.
<b>PXE boot (GE v1.5.35)</b>	Interface selectable
<b>Intel® VBIOS</b>	Version 2175
<b>Kontron Board Features</b>	<ul style="list-style-type: none"> <li>» Watchdog with Reset mode</li> <li>» Recovery SPI boot flash</li> </ul>
<b>IPMI 2.0</b>	<ul style="list-style-type: none"> <li>» Boot device override</li> <li>» Automated switching to fallback-BIOS on POST problems</li> <li>» Sensor Reading from EFI shell</li> <li>» Firmware upgrade from EFI shell</li> </ul>
<b>TPM 1.2</b>	Support for TPM device
<b>EFI Shell</b>	<ul style="list-style-type: none"> <li>» Password protection</li> <li>» Scripting support</li> <li>» Board configuration tools for watchdog and other board features</li> <li>» Command line interface to IPMI</li> <li>» Board information, such as serial number, board revision, PCI listing</li> </ul>
<b>Update facilities</b>	Firmware update archive, available for download

### CORPORATE OFFICES

#### Europe, Middle East & Africa

Lise-Meitner-Str. 3-5  
86156 Augsburg  
Germany

Tel.: +49 (0) 821 4086-0  
Fax: +49 (0) 821 4086 111  
sales@kontron.com

#### North America

14118 Stowe Drive  
Poway, CA 92064-7147  
USA

Tel.: +1 888 294 4558  
Fax: +1 858 677 0898  
info@us.kontron.com

#### Asia Pacific

17 Building,Block #1, ABP.  
188 Southern West 4th Ring Road  
Beijing 100070, P.R.China

Tel.: +86 10 63751188  
Fax: +86 10 83682438  
info@kontron.cn