

# » EFIBIOS B3F01 for AM4022 «



## Kontron EFIBIOS B3F01 for AM4022

- » Ami Aptio uEFI compliant
- » Supports BIOS based OS's via compatibility support module (CSM) as well as modern EFI aware Operating systems
- » Supports serial redirection for headless management
- » EFI shell with Kontron extensions

# Kontron EFIBIOS B3F01 for AM4022

The Kontron EFI for B3F01 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 bit PC world. It is able to boot from all types of mass storage connectable and via network by using popular PXE protocol.

In addition it supports full redundancy and non-volatile settings for fail safe operation. Serial redirection and the powerful uEFI shell environment allow easy remote management.

## Supported Features

<b>AMI Aptio core 4.6.5.1</b>	Console redirection. Default enabled. SPCR support.
<b>Thermal Throttling</b>	TM1 / TM2
<b>PXE boot (GE v1.3.81)</b>	Interface selectable
<b>Intel® VBIOS</b>	Version 2137
<b>KOM Board Features</b>	Watchdog with Reset mode Redundant SPI flash (recovery fallback) Boot retry
<b>IPMI 1.5</b>	Boot device override Automated switching to fallback-BIOS on POST problems Sensor Reading from EFI shell
<b>TPM 1.2</b>	Support for optional TPM device
<b>EFI Shell</b>	Password protection Scripting support Board configuration tools for watchdog, clock spreading and other board features Convenient Boot device selection via boot device name or type Command line interface to IPMI Board information, such as serial number, board revision, PCI listing
<b>Update facilities</b>	Bootable FW update CDROM, available for download

## CORPORATE OFFICES

### Europe, Middle East & Africa

Oskar-von-Miller-Str. 1  
85386 Eching/Munich  
Germany  
Tel.: +49 (0)8165/ 77 777  
Fax: +49 (0)8165/ 77 279  
info@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

