A8001 Platform BSPfor Linux
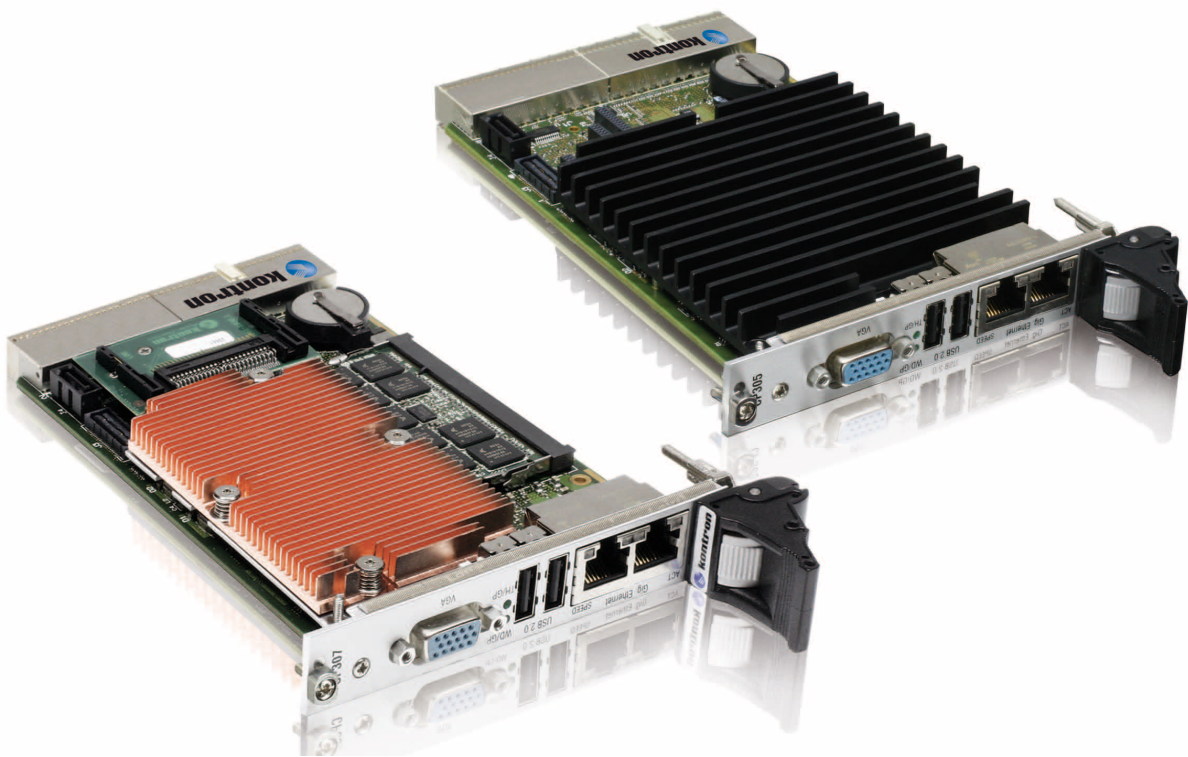
» Linux BSP designed for native compilation

» Drivers API which is common over all Kontron Boards

» Supports platform board specific devices

» Driver functions accessible through/proc -filesystem

» Supports CP305, CP307, CP307-V and CP307-RS

A8001 Platform BSP
for Linux

The Kontron BSPs are designed to get customers started immediately with application development instead of first getting involved with BSP integration or hardware bring-up issues.
Support of board specific devices and interfaces has been added to the BSP to achieve the full benefit of the functions provided by the hardware.

This BSP comes with drivers, libraries, demo applications, all it's sources and a detailed online documentation.

Supported Features

Supported Platforms	CP305, CP307, CP307-V and CP307-RS
Supported Distributions	Verified against RedHat Fedora 14
Board Library	Common API over all supported Kontron Boards
Ethernet	2 *10/100/1000 BASE-T Gigabit Ethernet Interface
Serial	Standard RS232 serial Port
USB	Host Controller Interface (2 USB front)
RTC	Integrated battery-backed RTC
Integrated Devices	Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
Mass Storage	USB Storage Devices, SATA Hard Disk, Compact Flash

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