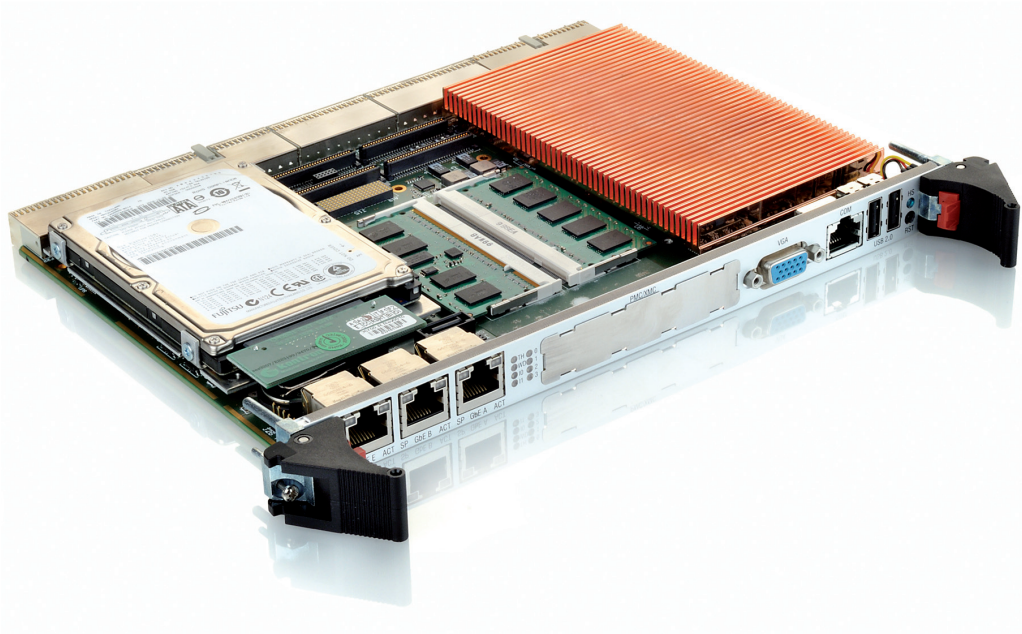


» Linux BSP B3C01 «



Linux BSP B3C01 for Intel® Huron River ECC Mobile Platform (Sandy Bridge) and Intel® Chief River Platform (Ivy Bridge)

- » 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 CP6003, CP6003-RA, CP6003-RC, CP3003, CP6004-SA and AM4022

Linux BSP B3C01

for Intel® Huron River ECC Mobile Platform (Sandy Bridge)
and Intel® Chief River Platform (Ivy Bridge)

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.

hardware. This BSP comes with drivers, libraries, demo applications, all its sources and a detailed online documentation.

Support of board specific devices and interfaces has been added to the BSP to achieve the full benefit of the functions provided by the

Supported Features	
Supported Platforms	CP6003, CP6003-RA, CP6003-RC, CP3003, CP6004-SA and AM4022
Supported Distributions	Verified against RedHat Fedora14 and 17 / RedHat Enterprise Linux 6
Board Library	Common API over all supported Kontron Boards
Ethernet	5 10/100/1000 BASE-T Gigabit Ethernet Interface
Serial	Standard RS232 + RS422 serial Port
USB	Host Controller Interface
IPMI (n/a on CP3003)	Sensor Reading, System Monitoring, Graceful Shutdown
Integrated Devices	Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
Mass Storage	USB Storage Devices SATA Hard Disk MM-SATA Flash Disk
Raid support	Raid0 and Raid1 possible
TPM support (optional)	TPM 1.2 functionality

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