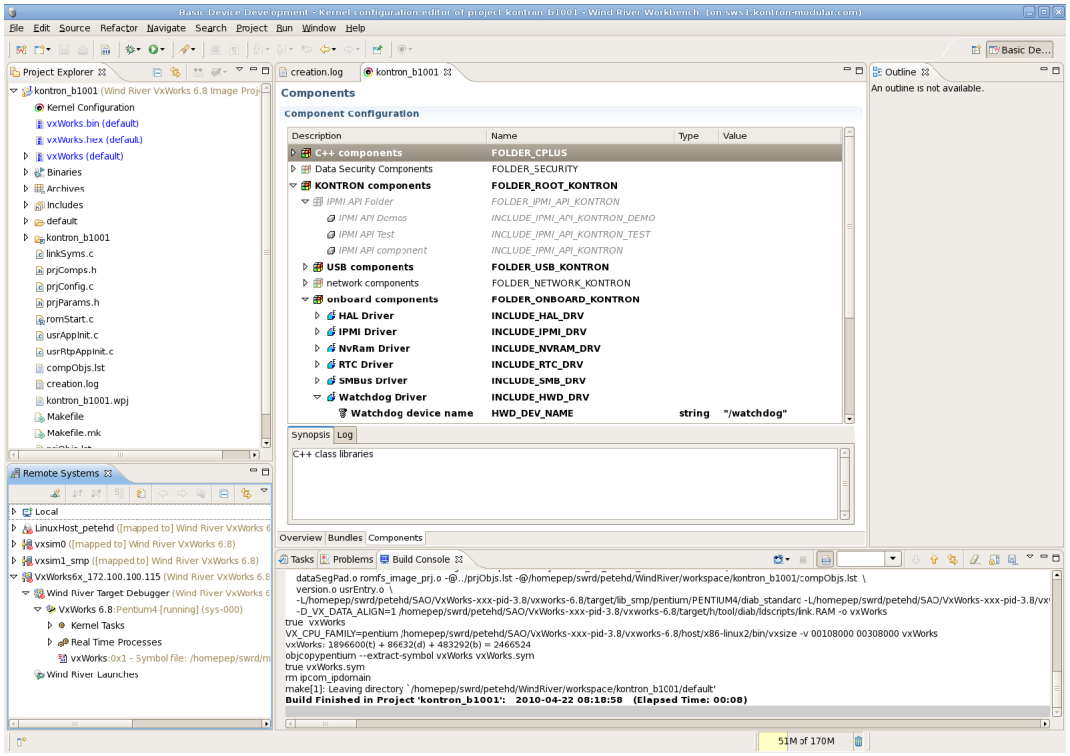
» B1001 Platform BSP «



WIND RIVER PARTNER

B1001 Platform BSP for Wind River VxWorks

» Off-the-shelf BSP for Wind River VxWorks

» Fully integrated into the Wind River Workbench

» Supports platform board specific devices

» Supports Kontron CP308

B1001 Platform BSP
for Wind River VxWorks

The Kontron BSPs for Wind River platforms 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.

The BSP is prepared to use the Wind River system diagnostic and debugging tools which are integral elements of the Wind River Workbench.

Technical Information

Wind River VxWorks Platform	Platform for Industrial Devices (VxWorks 6.8) (Other platforms can be supported, please contact Kontron)
Multi Processing	Symmetric (SMP)
Boot Devices	Network SATA Hard Disk USB Memory Stick
PCI Express	Root Complex
Ethernet	Gigabit Ethernet Interface
Serial	RS232 with hardware handshake
USB	Wind River USB 2.x Host Stack USB keyboards for VxWorks images and the VxWorks bootrom
Timer	System, Auxiliary, Timestamp
Miscellaneous Devices	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for boot line storage EEPROM for user data storage System Management (Voltage, Temperature)
Mass Storage	SATA Hard Disk Compact Flash and USB NAND Flash (CP308-HDD Module)
Board Status Indication	General purpose LED block

NOTE: The feature list above represents a summary of functionalities supported by the platform BSP. Depending on the used Platform Board a subset of those features is available. For more information about implemented hardware features refer to the Platform Board Hardware Manual.

Ordering Information

Please contact your local sales office for ordering information.

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