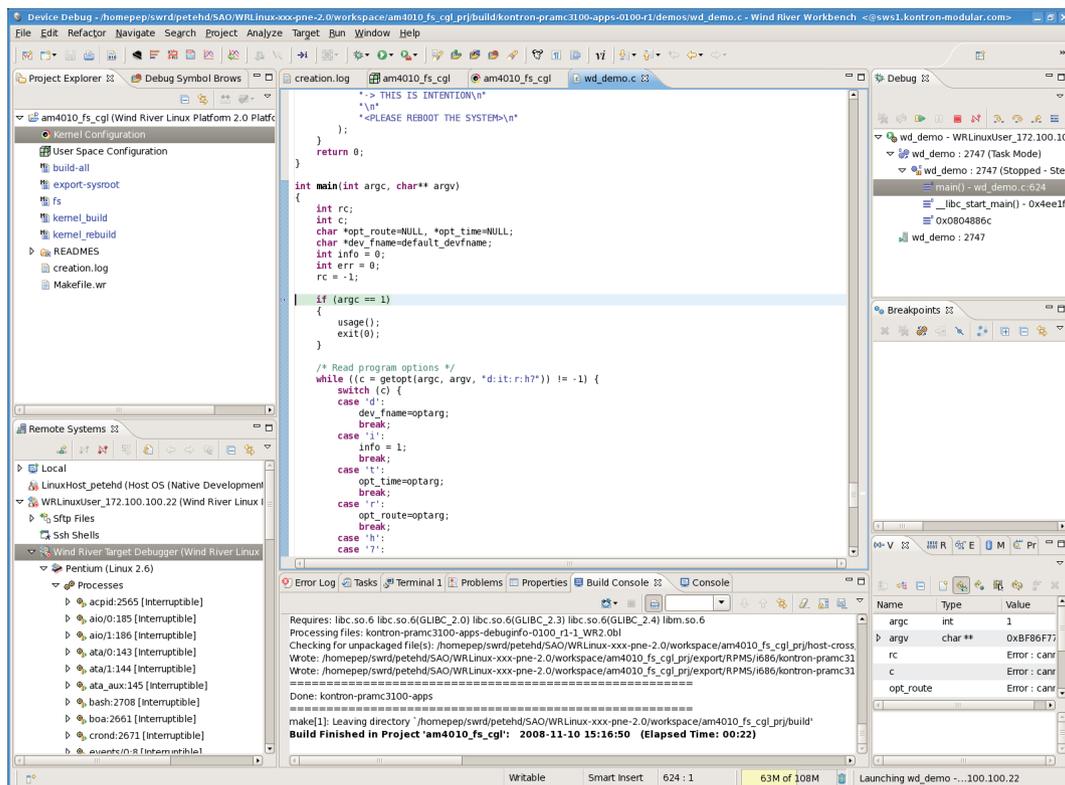# » PRAMC I3100 Platform BSP «

WIND RIVER PARTNER

PRAMC I3100 Platform BSP for Wind River Linux

» Off-the-shelf BSP for Wind River Linux

» Supports Linux SMP

» Fully integrated into the Wind River Workbench

» Supports platform board specific devices

» Supports AM4010, AM4011 and AM5010

If it's embedded, it 's Kontron.

PRAMC I3100 Platform BSP
for Wind River Linux

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.

Various methods for application deployment of the final system are supported. All boot devices can be used to load the kernel and the root file system. Tools to install a system for stand alone deployment are bundled with the BSP.

Technical Information

Wind River Linux Platform	Platform for Network Equipment (Wind River Linux 2.0/3.0) (Other platforms can be supported, please contact Kontron)
Root File Systems	glib_cgl, glib_std
Kernel Profiles	cgl, standard
Multi Processing	Symmetric (SMP)
Boot Devices	Network (PXE) On board USB Storage Device (uDoc) Off board USB Storage Device SATA Hard Disk
PCI Express	Root Complex
Ethernet	10/100/1000 BASE-T Gigabit Ethernet Interface
Serial	RS232 with hardware handshake
USB	Host Controller Interface
Miscellaneous Devices	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
Mass Storage	On board USB Storage Device (uDoc) SATA Hard Disk
Graphic Support	ATI ES1000 Server Graphics Processing Unit
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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