

This is release notes for  
VxWorks 6.8 / Workbench 3.2 Board Support Package (BSP) for  
Kontron KTQ45 platform.

BSP version R01.01 (13 September 2010)

Limitations:

- only Intel ICH TCO Watchdog is supported, default Watchdog configurable in BIOS is not supported
- SMBus is not supported
- NVRAM is not supported, no information about NVRAM hardware for this board.

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Changelog:

Changes from R01.00 to R01.01:

- add missing libkontron.a
- documentation updated (hal, target.ref)

Changes from beta1 to R01.00:

- generated documentation added
- remove unused USB driver headers
- close driver sources
- AHCI driver: implement hwconf parameter 'dosFsNaming' to assign DOS like name to partitions (C:, D:, ...) to storage devices
- IA timestamp timer configuration corrected for SYMMETRIC\_IO mode
- config.h: add bootline examples
- HAL: new board info autodetection by DMI, remove IO init function and parameter
- .cdf descriptors: fix RAM\_HIGH\_ADDR for BOOT\_APP profile, force to include xOAPIC interrupt controllers add component to call sysBootLineInit, remove dependency of INCLUDE\_BOOT\_FD\_LOADER, add list of boot filesystems, INCLUDE\_AHCI\_DOS\_PARTITION\_NAMING
- introduce sysBootLineInit() to initialize bootline for VIP (BootApp profile)
- sysLib.c: put early call of sysMemTop before pci initialization to avoid spurious MMU error
- W83627dhg sensors driver: SetFanSpeed function added, fan speed calculation bug fixed
- AHCI driver: stack size of tAhciMon increased
- PS/2 keyboard 8042 driver updated
- sysLib.c: place vxb drivers registrations correctly
- RTC driver: remove unnecessary dependencies and exclusions
- config.h: enable LOCAL\_MEM\_AUTOSIZE, change memory map, remove INCLUDE\_BOOT\_ADDMEM parameter
- HAL, TCOWD, AHCI drivers: fix storage class of local functions to eliminate compiler warnings
- sysNet.c: add check if INCLUDE\_IPDHCP component is included for dhcp configuration
- ethernet configuration: dhcp support
- W83627dhg sensors driver integration