



belkin.com

USB 2.0 release notes

Version 2.1.10.x includes support and fixes for the following:

- Enhanced enumeration for composite devices
- Optimized port resets
- Fixed cardbus eject utility

Version 2.1.9.x includes support and fixes for the following:

- Removal of Wake Events for ATi

Version 2.1.8.x includes support and fixes for the following:

- Added support for the ATi chipset

Version 2.1.7.x includes support and fixes for the following:

- Fixes International Microsoft XP driver being replaced with OWC and USB 1.1 devices being inactive

Version 2.1.6 includes support and fixes for the following:

- Fix Interval of Isochronous transfers
- This driver addresses the ALi chipset CardBus eject problem in Windows 98 and Windows ME.

Version 2.1.5 includes support and fixes for the following:

- Fix High Speed Isochronous Out Transfers
- Fix Isochronous Interval transfers
- Fix problem with removal of composite devices

Version 2.1.4 includes support and fixes for the following:

- Improve speed of O2Micro single slot CardBus Controllers
- Allow simultaneous device plugins on root hub
- Fix high speed isochronous interval transfers.

Version 2.1.3 includes support and fixes for the following:

- Fix standby issue with Low Speed devices

Version 2.1.2 includes support and fixes for the following:

- Fix large data blocks being used in isochronous transfers
- Add reset for zero pipe installs
- Fix full speed detection after configure flag set
- Fix endpoint cancel transfer issue.
- Fix port reset of composite devices.
- Fix bad external IRPs causing crashes

Version 2.1 includes support and fixes for the following:

- Microsoft WHQL 3rd Party Bus Driver Support
- Fixed Microsoft XP driver being replaced with OWC and USB 1.1 being inactive.

Version 2.0.9 includes support and fixes for the following:

- Improved detection of Low and Full Speed devices

Version 2.0.8 includes support and fixes for the following:

- Fixed problem with Cypress hubs
- Repaired Windows 98 S3 Standby enumeration problems

Version 2.0.7 includes support and fixes for the following:

- Wait Wake Support
- PME State Detection Support
- Suspend/Hibernate Improvements
- Fix USB_CYCLE_PORT

Version 2.0.6 includes support and fixes for the following:

- Added support for USBView application
- Microsoft symbolic links supported
- Fixed resets for devices that removed themselves when suspended

Version 2.0.5 includes support and fixes for the following:

- Limits unnecessary bus activity
- Ensures that allocated resources are properly deallocated on removal
- Fixed bus reset
- Fixed problem on certain machines when resuming from standby
- Fixed double reset of non-Hi-Speed devices

Version 2.0.4 includes support and fixes for the following:

- Split Isochronous Camera Artifacts fixed
- Split Isochronous Data Out fixed
- Composite Device Support
- Zero Size Transfer Bulk fixed

Version 2.0.3 includes support and fixes for the following:

- Isochronous device support
- Self powered device enumeration problems
- USB devices going inactive during EHCI driver install

Limitations:

- Composite device support pending

Version 2.0.2 includes support and fixes for the following:

- Power management support for:
 - Improved stability and functionality in Windows 98 SE, Me, 2000, and XP hibernate and sleep modes
- Playback of Video Compact Discs (VCDs)
- USB 2.0 Cameras that use bulk transfers
- Fixed problems with handling of short packets during transfers

Limitations:

- Hi-Speed isochronous device support pending
- Composite device support pending

Version 2.0.1 includes support for the following:

- Bulk, control, interrupt, and split isochronous transfers
- Hi-Speed USB 2.0 Hub support for multiple and cascaded hubs
- Power Management support for:
 - Windows 2000 sleep and hibernate support
 - Windows Me sleep support for PCI adapters
 - Windows 98 SE sleep support

- Eject application for Windows 98 and Windows Me to safely eject USB 2.0 CardBus cards

Limitations:

- Hi-Speed isochronous device support pending
- Composite device support pending
- Driver prevents hibernate and suspend functions in Windows XP
- Driver prevents suspend with CardBus cards and hibernate with all cards in Windows Me
- Cannot remove EHCI device using Remove Device feature of Windows 98 SE with devices attached to adapter.