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Open Issues FlexCard Linux

FlexCard Linux 6.8.0.0

Release Date:
March 03, 2022

Dear Ladies and Gentlemen,

Thank you for your interest in the software FlexCard. To ensure your customer satisfaction we would like to point out a few functional limitations, which will be corrected with timely product updates.

For questions please contact our support team directly.

Your STAR ELECTRONICS Sales Team

Open Issues:

No	Component	Restrictions	Effect
135107	All devices	fcbSetReceiveBufferLevelNotification not functional	The interrupt configured via fcbSetReceiveBufferLevelNotification is not signalled.
402812	FlexDevice	fcbEthSetFilterConfiguration not functional	ETH set filter function is not functional, ETH filter can not be set in use with FlexDevices (FlexMeasure)
408430	FlexCard PCIe	Changes in the network link status are not reflected in Linux.	Changes in the network link status are not reflected in Linux.
409258	FlexCard PCIe	Timestamp synchronisation via Trigger In/Out is not possible if more than two cards are used in a system.	If three or more cards are used, the timestamp synchronisation via one FlexCard PXIe3/PCIe3 using "Trigger out" (Time source) and two or more FlexCard PXIe3/PCIe3 using "Trigger In" is not reliable.
418685, 418687	FlexCard PCIe3	If multiple FlexCard PCIe3 devices are installed in a PC and multiple processes are used to access a device unexpected behavior may occur under certain conditions. Example: The three FlexCard PCIe3 devices A, B, C are mounted in the PC. Three processes X, Y, Z are started to handle a device via fcBase: X handles A Y handles B Z handles C In this scenario unexpected behavior may occur, for example fcbGetEnumFlexCardsV3 does not list a device under certain conditions.	See "Restrictions".

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No	Component	Restrictions	Effect
418694	FlexCard PCIe3	In the FlexCard mode the ethernet driver does not report the number of received CrcErrors.	/sys/class/net/$INTERFACE/statistics/rx_crc_errors is always 0. The packet with the incorrect Frame Check Sequence is dropped.

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