Use the ICSP Header J7 (TKPGM) to flash the embedded PIC16F1847 processor on the 576NUC+ to enable the TK-II PS/2 keyboard to function. The TKx--x.hex file is meant to be loaded and flashed with something like a MicroChip PICkit programmer.

The hex file TKPWR_ON (NoWatchdog) is an earlier firmware version that has the normally active watchdog timer deactivated, thus making it very useful for troubleshooting a board that keeps shutting off due to some mistake or defect in the board assembly. It isn't meant to be used for the long term, and as soon as the problem is resolved, the firmware should be flashed to the latest version (TKIINUC_V2.0.hex).

For JOY2PIC users, there is an equivalent to this file in the autobooting ATR called TKPWR_ON.COM.