

Development packages



The Development Kit comprises a CD and the license conditions in paper form (COL; Certificate of License). This is a single license which is valid for development and for a single product line. For implementation of different product lines, a second license is required that will be available under the same order number.

The Development Kit CD contains:

- Firmware stack in source code for PROFINET IO, adapted by way of example to the NetARM processor Net+50 of NetSilicon. This firmware stack can, of course, also be ported to every other processor of NetSilicon or of any other manufacturer.
- User manual for the PN IO stack
- Comprehensive documentation and program examples for an I/O device
- Comprehensive documentation and program examples for a CPU 317-2 PN/DP which can be used as a test partner (IO Controller). This test partner and the remaining development environment is not included in the Development Kit and must be ordered separately.

Further necessary components (to be ordered separately):

- CPU 317-2 PN/DP with FW version V2.3
- MMC (512 KB or larger)
- Step7 V5.3 SP1
- Switch
- Cable (3 items)
- Power supply for the CPU (optional; a generally available 24 V power supply can also be used.)

The "rest" of the development environment is also necessary and must be ordered separately:

- Net+50 processor
- TCP/IP stack
- Development system (operating system "ThreadX RTOS")
- Development board

This "rest" of the development environment must be ordered from NetSilicon