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cnWave™ 5G Fixed

Release 3.3



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bootstrap-4.5.2

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cpt-microcode-SDK-10.3.1.1

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ethtool-6.1

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fmt-9.1.0

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free5gc-v3.0.5

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hostapd-2.7

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iperf-2.1.8

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Iperf performance test

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jquery-3.4.1

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leveldb-1.23

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libcurl-7.88.1

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libpcap-1.10.3

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libwebsockets-v2.4.2

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libtool-2.4.6

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libyaml-0.2.1

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libzlib-1.2.13

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lighttpd-1.4.69

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linux-4.14.76

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linux-4.19.105

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linux-pam-1.5.2

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lksctp-tools-1.0.19

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lua-5.3.5

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marvell-bdk-SDK-10.3.1.1

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BDK Components

Component: FatFS

License: BSD-style

License Text: <utils/fatfs-tool/FatFs/doc/en/appnote.html>

Project URL: http://elm-chan.org/fsw/ff/00index_e.html

Directories: [libfatfs/*](#), [utils/fatfs-tool/FatFs/](#)

Component: libfdt

License: BSD (Dual license GPL and BSD)

License Text: [libfdt/fdt.h](#)

Project URL: <https://git.kernel.org/cgit/utils/dtc/dtc.git>

Directories: [libfdt/*](#)

Notes: The device tree compiler, only licensed under GPL, is not included. The build scripts use the host's dtc for builds. Only libfdt itself is part of the THUNDERX binary, used under the BSD license option.

Component: Lua

License: MIT

License Text: [docs/lua/readme.html](#)

Project URL: <http://www.lua.org/>

Directories: [liblua/*](#), [doc/lua/*](#), [utils/bdk-luac/*](#)

Component: Lua Sockets

License: MIT

License Text: [utils/bdk-lua/libluasocket/LICENSE](#)

Project URL: <http://w3.impa.br/~diego/software/luasocket/>

Directories: [utils/bdk-lua/libluasocket/*](#), [docs/luasocket/*](#)

Notes: This library is not used on THUNDERX, only for host based tools.

Component: LZMA Decompression library

License: Public Domain

License Text: [liblzma/readme.txt](#)

Project URL: <http://www.7-zip.org/sdk.html>

Directories: [liblzma/*](#)

Notes: This library is to support loading compressed images from FATFS

Component: micro-ecc

License: BSD

License Text: libuecc/LICENSE.txt

Project URL: <https://github.com/kmackay/micro-ecc>

Directories: libuecc/*

Notes: This library is to support ECDSA for trusted boot

Component: Python Elf Tools

License: Public Domain

License Text: utils/scripts/elftools/__init__.py

Project URL: <https://github.com/eliben/pyelftools>

Directories: utils/scripts/elftools/*

Notes: This is used by the BDk build scripts, but does not appear in the final THUNDERX binary.

Component: Python ECDSA

License: Public Domain

License Text: utils/scripts/ecdsa/LICENSE

Project URL: <https://github.com/warner/python-ecdsa>

Directories: utils/scripts/ecdsa/*

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Component: XHCI Driver

License: BSD

License Text: <http://opensource.org/licenses/bsd-license.php>

Project URL: <https://github.com/tianocore/edk2>

Directories: libbdk-hal/usb/*

Notes: Driver is originally from Intel's EDK2

Component: Network PHY Drivers

License: Various, needs review

License Text: See individual directories under libphy/*

Project URL: N/A

Directories: libphy/*

Notes: The files directly under the libphy directory are BSD licenses like the rest of the BDk. The directories under libphy are external files needed for various network PHYs. These licenses vary any may cause severe constraints on how the code may be distributed. Review these directories before using the BDk.

Component: BDk Code

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Project URL: N/A

Directories: Everything else

memutils-SDK-10.3.1.1

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mii-diag-2.11

This program reads and writes the Media Independent Interface (MII) management registers on network transceivers. The registers control and report network link settings and errors. Examples are link speed, duplex, capabilities advertised to the link partner, status LED indications and link error counters.

Notes: The compile-command is at the end of this source file. This program works with drivers that implement MII ioctl () calls.

Written/copyright 1997-2003 by Donald Becker <becker@scyld.com>

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mtd-2.1.5

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mbedTLS-1.3.10

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ncurses-6.3-20221224

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net-snmp-5.9.3

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Bundled Libraries:

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base64.cpp and base64.h

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René Nyffenegger rene.nyffenegger@adp-gmbh.ch

SHA1 Library (sha1/sha1.hpp)

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L. Peter Deutsch

ghost@aladdin.com

UTF8 Validation logic (utf8_validation.hpp)

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jansson-2.12

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wpa_suppllicant-2.10

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Version 2.0, January 2004

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