

HPCX:v2.50 - Embedded Software Components

Component name	Component version name	Home Page	License names
@react-native-oh/react-native-harmony	0.72.11	https://gitee.com/openharmony-sig/ohos_react_native	ISC License
Apache Thrift	0.6.0	http://thrift.apache.org/	Apache License 2.0
CHERI BSD	freebsd-head-20171124	http://www.cl.cam.ac.uk/research/security/ctsr/d/cheri.html	(BSD 2-clause "Simplified" License AND BSD 4-clause "Original" or "Old" License)
Dogecoin	v1.14.5	http://dogecoin.com/	MIT License
ForestClaw/forestclaw	gallery_transport_square	https://github.com/ForestClaw/forestclaw	BSD 2-clause "Simplified" License
FreeBSD	11.0-BETA3	https://github.com/freebsd/freebsd-src	BSD 2-clause "Simplified" License
GNU Libtool	nan	http://www.gnu.org/software/libtool/	BSD 3-clause "New" or "Revised" License
Google C++ Testing Framework	1.2.1	https://github.com/google/googletest/	BSD 3-clause "New" or "Revised" License
JSON for Modern Cpp	3.11.2, 3.11.3	https://json.nlohmann.me	MIT License
Mellanox/libvma	8.0.3, 8.1.7, 8.2.5	http://www.mellanox.com/vma/	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Mellanox/libvma	9.8.70	http://www.mellanox.com/vma/	BSD 2-clause "Simplified" License
Mellanox/nccl-rdma-sharp-plugins	hpcx-v2.6, hpcx-v2.7.0, v1.0	https://github.com/Mellanox/nccl-rdma-sharp-plugins	BSD 3-clause "New" or "Revised" License
Microsoft/Freeflow	20181114-snapshot-cb35573d	https://github.com/microsoft/Freeflow	MIT License
NVIDIA/nccl-tests	v2.13.4	https://github.com/NVIDIA/nccl-tests	BSD 3-clause "New" or "Revised" License
NumPy	0.3.2	https://numpy.org/	BSD 3-clause "New" or "Revised" License
OSU Micro-Benchmarks (OMB)	5.3.1, 7.4	https://mvapich.cse.ohio-state.edu/benchmarks/	BSD 3-clause "New" or "Revised" License
Open Computer Vision Library (OpenCV)	2.3.0	http://opencv.org/	BSD 3-clause "New" or "Revised" License
Open MPI	dev, v1.0.0, v1.1.0, v1.1.1, v1.10.3, v1.2.0, v1.3.0, v1.5.0, v1.5.2, v1.6.0, v1.7.0, v1.7.1, v1.7.2, v1.7.3, v1.7.4, v1.7.5, v1.8.2, v1.8.5, v2.0.1, v2.x-dev, v3.1.2rc1, v5.0.0rc1, v5.0.0rc10	https://www.open-mpi.org/	BSD 3-clause "New" or "Revised" License
OpenFOAM	2.4.0	https://openfoam.org	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	1.0, 1.5, 1.5.2, 1.5.3, 3.12	https://www.openfabrics.org/downloads/rdmactm/	BSD 2-clause "Simplified" License
OpenFabrics Enterprise Distribution - OFED	1.1.0mlnx2, 1.4, 1.4.1, 3.0, 3.1.8, 3.2, 4.1, 4.24.0, 4.30.0, 4.5+0.17	https://www.openfabrics.org/downloads/rdmactm/	BSD 3-clause "New" or "Revised" License
Portable Hardware Locality (hwloc)	3.1.6, 4.0.0, 4.0.1, 4.0.4, 4.1.1	http://www.open-mpi.org/projects/hwloc/	(MIT License AND BSD 3-clause "New" or "Revised" License)
Portable Hardware Locality (hwloc)	1.1, 1.10.0, 1.10.1, 1.10.2, 1.10.3, 1.10.7, 1.3.2, 1.3.3, 1.3.4, 1.5, 1.5.1, 1.5.3, 1.5.4, 1.5.5rc2, 1.7, 1.7.1, 1.7.2, 1.7.3, 1.7.4, 1.7.5, 1.8.2, 1.8.3, 1.8.4, 1.8.5, 1.8.6, 2.0.0, 2.0.1, 2.0.2-git.20161225, 2.1.0, 2.1.0rc1, 2.1.1, 2.1.2, 2.7.1, 3.0.0, 3.0.1-rc2, 3.0.2, 3.1.0, 3.1.1, 4.0.2, 4.0.2-rc1, 4.0.3, 4.1.0, 4.1.2, 4.1.2-rc1, 4.1.3, 4.1.4, 4.1.5, 4.1.8, 5.0.0, 5.0.1, 5.0.2, 5.0.3, 5.0.4, 5.0.5, 5.0.6, 5.0.7, 5.0.8	http://www.open-mpi.org/projects/hwloc/	BSD 3-clause "New" or "Revised" License
TensorFlow	2.10.0rc0, 2.12.0rc0, 2.15.0rc0, 2.16.0rc0, 2.18.0rc0, 2.2.0rc0, 2.20.0rc0, 2.3.0rc0, 2.6.0, v1.14.0	http://tensorflow.org	Apache License 2.0
Watt-32 TCP/IP Stack	2.2-dev.10	http://www.bgnett.no/~giva/	BSD 3-clause "New" or "Revised" License
aws/aws-ofi-nccl	v1.5.0-aws	N/A	Apache License 2.0
berty/go-libtor	v1.0.0, v1.0.117, v1.0.153, v1.0.166, v1.0.222, v1.0.225, v1.0.234, v1.0.34, v1.0.60, v1.0.96	https://github.com/berty/go-libtor	BSD 3-clause "New" or "Revised" License
bytedance/bytpeps	0.2.5.post15	https://github.com/bytedance/bytpeps	Apache License 2.0
drachtio/drachtio-server	0.6.0-rc1	https://github.com/drachtio/drachtio-server	MIT License
git://git.altlinux.org/gears/o/openmpi	dev	N/A	BSD 3-clause "New" or "Revised" License
gjs	1.49.92	http://live.gnome.org/Gjs	MIT License

gtest-tap-listener	0.3	http://www.tap4j.org	MIT License
h2o/h2o	v0.9.0	https://github.com/h2o/h2o	MIT License
hwloc	hwloc-2.0.2rc2, hwloc-2.1.0rc1, hwloc-2.7.1rc1, upstream/2.1.0	http://www.open-mpi.org/projects/hwloc/	BSD 3-clause "New" or "Revised" License
inih	41, r52	http://code.google.com/p/inih/	BSD 3-clause "New" or "Revised" License
ipns/go-libtor	v1.0.239	https://github.com/ipns/go-libtor	BSD 3-clause "New" or "Revised" License
libevent	nan, 2.1.11-stable, 2.1.12-stable, release-2.1.9-beta	http://www.monkey.org/~provos/libevent/	BSD 3-clause "New" or "Revised" License
libevent	release-2.1.10-stable	http://libevent.org/	MIT License
libevent-sys	0.2.3	https://crates.io/crates/libevent-sys	MIT License
libexpat	2.2.7	http://www.libexpat.org/	MIT License
libibverbs1	36.0, 38.0	http://www.openfabrics.org/	BSD 2-clause "Simplified" License
libibverbs1	1.1.6mlnx2	http://www.openfabrics.org/	BSD 3-clause "New" or "Revised" License
libpmix2	3.2.2-rc1	https://github.com/pmix/pmix	BSD 3-clause "New" or "Revised" License
mpiP	mpiP-3.4	http://sourceforge.net/projects/mpip	BSD 3-clause "New" or "Revised" License
mpich	4.3.2	http://www.mpich.org/	BSD 3-clause "New" or "Revised" License
mpich	3.1.4	http://www.mpich.org/	MIT License
mvapich2	2.3.7	http://mvapich.cse.ohio-state.edu/	BSD 3-clause "New" or "Revised" License
mvapich2-debugsource	2.3.1	http://mvapich.cse.ohio-state.edu/overview/mvapich2/	BSD 3-clause "New" or "Revised" License
node-pcre2	0.0.1	https://github.com/Kamil93/node-pcre2	BSD 3-clause "New" or "Revised" License
nvidia-libcudart	0.4.4.50	https://pypi.org/project/nvidia-libcudart/	BSD 3-clause "New" or "Revised" License
nvidia-nccl	2.12.10.1, 2.20.3.1, 2.22.3.1, 2.23.4.1, 2.24.3.1, 2.26.2.1, 2.27.3.1, 2.28.3.1, v2.16.2-1, v2.16.5-1, v2.26.3-1, v2.28.1-1, v2.5.6-2	https://github.com/NVIDIA/nccl	BSD 3-clause "New" or "Revised" License
openmpi-common	4.0.3-rc3	http://www.open-mpi.org/	(Apache License 2.0 AND BSD 3-clause "New" or "Revised" License)
openucx	0~git1727	http://openucx.org/	BSD 3-clause "New" or "Revised" License
openucx/ucx	hpcx-v2.2, hpcx-v2.5, v1.15.0-rc1, v1.2.2-rc1, v1.3.0, v1.3.0-rc1, v42	http://www.openucx.org	BSD 3-clause "New" or "Revised" License
pygeofun	0.0.7	https://github.com/jrversteegh/geofun	MIT License
pytorch	v1.0.0	http://pytorch.org	BSD 3-clause "New" or "Revised" License
quantlib-refman-html	1.12	https://www.quantlib.org/reference/index.html	BSD 3-clause "New" or "Revised" License
rdma-core	nan	https://github.com/linux-rdma/rdma-core	BSD 2-clause "Simplified" License
sudo	1.6.9p17, 1.7.0	https://www.sudo.ws/sudo/sudo.html	BSD 3-clause "New" or "Revised" License
trex-core	v3.0.7	https://trex-tgn.cisco.com/	Apache License 2.0
ucc-utils	1.7.0-rc1	https://www.openucx.org	BSD 3-clause "New" or "Revised" License
ucx	1.12.0, 1.2.2, 1.20.1-rc1	https://www.openucx.org	BSD 3-clause "New" or "Revised" License
unix-odbc	0.1.1	https://crates.io/crates/unix-odbc	GNU Lesser General Public License v2.1 or later
uthash	1.9.5	https://github.com/troydhanson/uthash	MIT License
vergecurrency/VERGE	4.0.1	https://VergeCurrency.com	(MIT License AND OpenSSL License)
xorg-x11	1.8.1	http://www.x.org/	MIT License