

# Nvidia HPCX:sharp\_hpcx2.18 - Third Party Free Software Right Notice

Component name	Component version name	Home Page	License names
GNOME	1.25.1	<a href="https://www.gnome.org/">https://www.gnome.org/</a>	(GNU Library General Public License v2 or later AND GNU General Public License v2.0 or later)
GNU Compiler Collection	misc/first-auto-changelog	<a href="http://gcc.gnu.org/wiki/JIT">http://gcc.gnu.org/wiki/JIT</a>	GNU General Public License v2.0 w/GCC Runtime Library exception
Mellanox/libvma	8.0.3	<a href="http://www.mellanox.com/vma/">http://www.mellanox.com/vma/</a>	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Mellanox/libvma	8.1.1	<a href="http://www.mellanox.com/vma/">http://www.mellanox.com/vma/</a>	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Mellanox/libvma	8.1.2	<a href="http://www.mellanox.com/vma/">http://www.mellanox.com/vma/</a>	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Mellanox/libvma	8.2.1	<a href="http://www.mellanox.com/vma/">http://www.mellanox.com/vma/</a>	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Mellanox/libvma	8.2.5	<a href="http://www.mellanox.com/vma/">http://www.mellanox.com/vma/</a>	(BSD 2-clause "Simplified" License AND FSF Unlimited License)
Microsoft/Freeflow	20181114-snapshot-cb35573d	<a href="https://github.com/microsoft/Freeflow">https://github.com/microsoft/Freeflow</a>	MIT License
MuPDF	1.19.0.20220326.1214	<a href="http://mupdf.com/">http://mupdf.com/</a>	GNU Affero General Public License v3.0
NumPy	0.3.2	<a href="https://numpy.org/">https://numpy.org/</a>	BSD 3-clause "New" or "Revised" License
OSU Micro-Benchmarks (OMB)	5.3.1	<a href="http://mvapich.cse.ohio-state.edu/benchmarks/">http://mvapich.cse.ohio-state.edu/benchmarks/</a>	BSD 3-clause "New" or "Revised" License
Open Computer Vision Library (OpenCV)	2.3.0	<a href="http://opencv.org/">http://opencv.org/</a>	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	1.0	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 2-clause "Simplified" License
OpenFabrics Enterprise Distribution - OFED	1.0.8	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	GNU General Public License v3.0 or later
OpenFabrics Enterprise Distribution - OFED	1.4_1	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	1.5	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 2-clause "Simplified" License
OpenFabrics Enterprise Distribution - OFED	3.2	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	3.2.2	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	(BSD 3-clause "New" or "Revised" License OR GNU General Public License v3.0 or later)
OpenFabrics Enterprise Distribution - OFED	3.2.4	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	3.5-2-rc1	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 2-clause "Simplified" License
OpenFabrics Enterprise Distribution - OFED	3.5.0	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	(BSD 2-clause "Simplified" License OR Unknown License)
OpenFabrics Enterprise Distribution - OFED	3.7.0+1.18.gcdb9f80	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	(BSD 2-clause "Simplified" License OR GNU General Public License v2.0 or later)
OpenFabrics Enterprise Distribution - OFED	4.1	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 3-clause "New" or "Revised" License
OpenFabrics Enterprise Distribution - OFED	4.8.0	<a href="https://www.openfabrics.org/downloads/rdmactm/">https://www.openfabrics.org/downloads/rdmactm/</a>	BSD 3-clause "New" or "Revised" License
Portable Hardware Locality (hwloc)	2.0.1	<a href="http://www.open-mpi.org/projects/hwloc/">http://www.open-mpi.org/projects/hwloc/</a>	BSD 3-clause "New" or "Revised" License
Portable Hardware Locality (hwloc)	2.1.0rc1	<a href="http://www.open-mpi.org/projects/hwloc/">http://www.open-mpi.org/projects/hwloc/</a>	(Apache License 2.0 AND BSD 3-clause "New" or "Revised" License)
Watt-32 TCP/IP Stack	2.2-dev.10	<a href="http://www.bgnnet.no/~giva/">http://www.bgnnet.no/~giva/</a>	BSD 3-clause "New" or "Revised" License
Zarafa Community Edition	7.2.0	<a href="http://www.zarafa.com/index.php?q=en/content/community-0">http://www.zarafa.com/index.php?q=en/content/community-0</a>	Apache License 2.0
bytedance/bytpeps	0.2.5.post15	<a href="https://github.com/bytedance/bytpeps">https://github.com/bytedance/bytpeps</a>	Apache License 2.0
gjs	1.49.92	<a href="http://live.gnome.org/Gjs">http://live.gnome.org/Gjs</a>	MIT License
libdime	20170623-snapshot-61b04325	<a href="https://github.com/lavabit/libdime">https://github.com/lavabit/libdime</a>	MIT License
libexpat	2.2.7	<a href="http://www.libexpat.org/">http://www.libexpat.org/</a>	MIT License
libsmbios	2.2.0	<a href="https://github.com/dell/libbios/">https://github.com/dell/libbios/</a>	(Open Software License 2.1 OR GNU General Public License v2.0 or later)
mvapich2	2.2	<a href="http://mvapich.cse.ohio-state.edu/">http://mvapich.cse.ohio-state.edu/</a>	(MIT License AND BSD 3-clause "New" or "Revised" License)
openucx	0~git1727	<a href="http://openucx.org/">http://openucx.org/</a>	BSD 3-clause "New" or "Revised" License
openucx/ucx	hpcx-v2.2	<a href="http://www.openucx.org">http://www.openucx.org</a>	BSD 3-clause "New" or "Revised" License
openucx/ucx	hpcx-v2.5	<a href="http://www.openucx.org">http://www.openucx.org</a>	BSD 3-clause "New" or "Revised" License

openucx/ucx	v1.3.0-rc1	<a href="http://www.openucx.org">http://www.openucx.org</a>	BSD 3-clause "New" or "Revised" License
openucx/ucx	v1.5.0-rc1	<a href="http://www.openucx.org">http://www.openucx.org</a>	BSD 3-clause "New" or "Revised" License
rdma-core	nan	<a href="https://github.com/linux-rdma/rdma-core">https://github.com/linux-rdma/rdma-core</a>	BSD 2-clause "Simplified" License
sockperf	v1	<a href="https://github.com/Mellanox/sockperf">https://github.com/Mellanox/sockperf</a>	BSD 3-clause "New" or "Revised" License
vergecurrency/VERGE	v5.0.0-alpha0	<a href="https://VergeCurrency.com">https://VergeCurrency.com</a>	MIT License
xnu	4903.270.47	<a href="https://github.com/winocm/xnu">https://github.com/winocm/xnu</a>	Apple Public Source License 2.0