

Vertiv™ Avocent® ADX IPUHD 4K IP KVM Device

Open Source Software Notice

AUGUST 2021

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1. Overview

This Software Notice provides a listing of the open source software components provided with the Vertiv™ Avocent® ADX IPUHD 4K IP KVM device. All open source software is subject to the terms and conditions of its applicable license.

2. Open Source Application Listings

The following table lists the open source software licenses as well as the components of each.

Vertiv™ Avocent® ADX IPUHD 4K IP KVM Device Licenses and Components

LICENSE	COMPONENTS			
AFL-2.1	dbus			
	dbus-lib			
Apache-2.0	clear-once	phosphor-debug-collector-monitor	phosphor-logging	phosphor-state-manager-discover
	dbus-broker	phosphor-debug-collector-scripts	phosphor-logging-base	phosphor-state-manager-host
	dbus-perms	phosphor-fan-control	phosphor-mapper	phosphor-state-manager-host-check
	ffdc	phosphor-fan-monitor	phosphor-network	phosphor-state-manager-obmc-targets
	first-boot-set-hostname	phosphor-fan-presence-tach	phosphor-rsyslog-config	phosphor-state-manager-reset-sensor-states
	gpioplus	phosphor-health-monitor	phosphor-sel-logger	phosphor-state-manager-systemd-target-monitor
	libmapper	phosphor-hwmon	phosphor-settings-manager	phosphor-systemd-policy
	obmc-console	phosphor-image-signing	phosphor-snmp	phosphor-time-manager
	obmc-phosphor-power	phosphor-inventory-manager	phosphor-software-manager-download-mgr	phosphor-user-manager
	phosphor-certificate-manager	phosphor-ldap	phosphor-software-manager-updater	sdbusplus

LICENSE	COMPONENTS			
Apache-2.0 (continued)	phosphor-certificate-manager	phosphor-ldap	phosphor-software-manager-updater	sdbusplus
	phosphor-dbus-interfaces	phosphor-led-manager-faultmonitor	phosphor-software-manager-version	sdeventplus
	phosphor-dbus-monitor	phosphor-led-manager-ledmanager	phosphor-state-manager-bmc	slpd-lite
	phosphor-debug-collector-dreport	phosphor-led-sysfs	phosphor-state-manager-chassis	stdplus
	vertiv-dbus-interfaces			
BSD	arm-trusted-firmware			
	redis			
	xilinx-bootbin			
BSD & MIT	net-snmp	net-snmp-lib-agent	net-snmp-lib-mibs	net-snmp-libs
	net-snmp-client	net-snmp-lib-helpers	net-snmp-lib-netsnmp	net-snmp-mibs
BSD Artistic-1.0	shadow			
	shadow-base			
BSD GPLv2	libcap			
BSD-1-Clause	libwrap			
BSD-2-Clause	linenoise	lua-resty-http	lua-resty-random	openresty
BSD-3-Clause	libpcre	libtirpc	miniupnpd	rpcbind
	util-linux-libuuid			
BSL-1.0 & MIT & Python-2.0	boost-context	boost-coroutine	boost-thread	
CLOSED + Xilinx IP	external-hdf			
GPL-2.0	ndisc6			
GPL-2.0+	stm32flash			
GPL-2.0+ & LGPL-2.1+	kmod			
GPL-3.0-with-GCC-exception	libgcc	libstdc++		
GPLv2	base-files	kernel-module-g-edm-kbdmouse-5.4.0-xilinx-v2020.1	kernel-module-mwifiex-5.4.0-xilinx-v2020.1	kernel-module-u-ether-5.4.0-xilinx-v2020.1
	base-passwd	kernel-module-g-edm-mass-storage-5.4.0-xilinx-v2020.1	kernel-module-mwifiex-sdio-5.4.0-xilinx-v2020.1	kernel-module-usb-f-ecm-5.4.0-xilinx-v2020.1

LICENSE	COMPONENTS			
GPLv2 (continued)	bridge-utils	kernel-module-g-ether-5.4.0-xilinx-v2020.1	kernel-module-nf-contrack-5.4.0-xilinx-v2020.1	kernel-module-usb-f-ecm-subset-5.4.0-xilinx-v2020.1
	e2fsprogs-e2fsck	kernel-module-libcomposite-5.4.0-xilinx-v2020.1	kernel-module-nf-defrag-ipv4-5.4.0-xilinx-v2020.1	kernel-module-usb-f-rndis-5.4.0-xilinx-v2020.1
	kernel-base	kernel-module-libcrc32c-5.4.0-xilinx-v2020.1	kernel-module-nf-defrag-ipv6-5.4.0-xilinx-v2020.1	kernel-module-video-analyzer-5.4.0-xilinx-v2020.1
	kernel-module-video-capture-5.4.0-xilinx-v2020.1	kernel-module-video-decompressor-5.4.0-xilinx-v2020.1	kernel-module-xt-contrack-5.4.0-xilinx-v2020.1	logrotate
	kernel-module-video-command-buffer-5.4.0-xilinx-v2020.1	kernel-module-video-scaler-5.4.0-xilinx-v2020.1	kernel-module-xt-state-5.4.0-xilinx-v2020.1	netbase
	kernel-module-video-compressor-5.4.0-xilinx-v2020.1	kernel-module-video-transcode-5.4.0-xilinx-v2020.1	linux-xlnx	rng-tools
GPLv2 & bzip2-1.0.4	busybox	busybox-udhcpd		
GPLv2 & LGPLv2	fuse	fuse-utils	libulockmgr	
GPLv2 & LGPLv2 & BSD & MIT	libcomerr	libe2p	libext2fs	
GPLv2 & LGPLv2.1	glibc	libsystemd	systemd	systemd-udev-rules
	libimobiledevice	libudev	systemd-extra-utils	udev
	libplist	nscd		
GPLv2+	ethtool	iptables-module-ip6t-frag	iptables-module-ip6t-netmap	iptables-module-ipt-clusterip
	i2c-tools	iptables-module-ip6t-hbh	iptables-module-ip6t-redirect	iptables-module-ipt-dnat
	iptables	iptables-module-ip6t-hl	iptables-module-ip6t-reject	iptables-module-ipt-ecn
	iptables-module-ip6t-ah	iptables-module-ip6t-icmp6	iptables-module-ip6t-rt	iptables-module-ipt-icmp
	iptables-module-ip6t-dnat	iptables-module-ip6t-ipv6header	iptables-module-ip6t-snat	iptables-module-ipt-log
	iptables-module-ip6t-dnpt	iptables-module-ip6t-log	iptables-module-ip6t-snpt	iptables-module-ipt-masquerade
	iptables-module-ip6t-dst	iptables-module-ip6t-masquerade	iptables-module-ip6t-srh	iptables-module-ipt-netmap
	iptables-module-ip6t-eui64	iptables-module-ip6t-mh	iptables-module-ipt-ah	iptables-module-ipt-realm
	iptables-module-ipt-redirect	iptables-module-ipt-ulong	iptables-module-xt-bpf	iptables-module-xt-cluster
	iptables-module-ipt-reject	iptables-modules	iptables-module-xt-cgroup	iptables-module-xt-comment
iptables-module-ipt-snat	iptables-module-xt-addrtype	iptables-module-xt-checksum	iptables-module-xt-connbytes	

LICENSE	COMPONENTS			
GPLv2+ (continued)	iptables-module-ipt-ttl	iptables-module-xt-audit	iptables-module-xt-classify	iptables-module-xt-connlimit
	iptables-module-xt-connmark	iptables-module-xt-hashlimit	iptables-module-xt-mac	iptables-module-xt-policy
	iptables-module-xt-connsecmark	iptables-module-xt-helper	iptables-module-xt-mark	iptables-module-xt-quota
	iptables-module-xt-contrack	iptables-module-xt-hmark	iptables-module-xt-multiport	iptables-module-xt-rateest
	iptables-module-xt-cpu	iptables-module-xt-idletimer	iptables-module-xt-nfacct	iptables-module-xt-recent
	iptables-module-xt-ct	iptables-module-xt-ipcomp	iptables-module-xt-nflog	iptables-module-xt-rpfilter
	iptables-module-xt-dccp	iptables-module-xt-iprange	iptables-module-xt-nfqueue	iptables-module-xt-sctp
	iptables-module-xt-devgroup	iptables-module-xt-ipvs	iptables-module-xt-osf	iptables-module-xt-secmark
	iptables-module-xt-dscp	iptables-module-xt-led	iptables-module-xt-owner	iptables-module-xt-set
	iptables-module-xt-ecn	iptables-module-xt-length	iptables-module-xt-physdev	iptables-module-xt-socket
	iptables-module-xt-esp	iptables-module-xt-limit	iptables-module-xt-pkttype	iptables-module-xt-standard
	iptables-module-xt-statistic	iptables-module-xt-tcpoptstrip	iptables-module-xt-trace	lrzsz
	iptables-module-xt-string	iptables-module-xt-tee	iptables-module-xt-u32	systemd-serialgetty
	iptables-module-xt-synproxy	iptables-module-xt-time	iptables-module-xt-udp	u-boot-fw-utils-xlnx
	iptables-module-xt-tcp	iptables-module-xt-tos	libnfnetlink	u-boot-xlnx
	iptables-module-xt-tcpmss	iptables-module-xt-tproxy	libpci	update-alternatives-opkg
update-rc.d	xz			
GPLv2+ & LGPLv2.1+	libcap-ng			
GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause	util-linux-agetty	util-linux-mount	util-linux-sulogin	util-linux-umount
	util-linux-fsck			
GPLv2+ BSD	libjitterentropy	pam-plugin-group	pam-plugin-nologin	pam-plugin-shells
	libpam	pam-plugin-keyinit	pam-plugin-permit	pam-plugin-succeed-if
	libpam-runtime	pam-plugin-lastlog	pam-plugin-pwhistory	pam-plugin-tally2
	pam-plugin-access	pam-plugin-limits	pam-plugin-rootok	pam-plugin-unix
	pam-plugin-cracklib	pam-plugin-localuser	pam-plugin-securetty	pam-plugin-warn

LICENSE	COMPONENTS			
GPLv2+ BSD (continued)	pam-plugin-deny	pam-plugin-loginuid	pam-plugin-mail	pam-plugin-motd
	pam-plugin-env	pam-plugin-faildelay		
GPLv3 & GPLv2 & LGPLv2.1	usbmuxd			
GPLv3 & LGPLv3	cifs-utils			
GPLv3 & LGPLv3 & Apache-2.0	rsyslog			
GPLv3+	bash	rsync		
ISC & BSD-3-Clause & BSD-2-Clause & GPLv2+	cronie			
LGPL-2.1	libusbmuxd			
LGPL-2.1+	libkmod			
LGPLv2.1	libestr	libnl-genl	libxcrypt	nss-pam-ldapd
	libnl	libsysfs		
LGPLv2.1+	avahi-daemon	libavahi-core	libgpiod-tools	libusb1
	cracklib	libdaemon	libmnl	util-linux-libblkid
	libavahi-common	libgpiod	libnss-mdns	util-linux-libmount
Libpng	libpng			
MIT	bitstream-extraction	libfastjson	lua-resty-jit-uuid	os-release
	expat	libgssapi-krb5	lua-resty-mail	pmu-firmware
	fmt	libk5crypto	luasocket	popt
	fsbl	libkrb5	md5	run-postinsts
	iniparser	libkrb5support	ncurses-libncurses	shadow-securetty
	jansson	lpeg	ncurses-libtinfo	systemd-compat-units
	lapis	lpeg-patterns	ncurses-terminfo-base	systemd-conf
	u-boot-zynq-scr	u-boot-zynq-uenv	volatile-binds	
MIT & BSD-3-Clause & BSD-2-Clause & PD	dropbear			
MIT & GPLv2+ & BSD	nfs-utils-client	nfs-utils-mount		
MIT-X	libevdev			
OpenLDAP	openldap			

LICENSE	COMPONENTS			
openssl	libcrypto	openssl	openssl-bin	openssl-conf
	libssl			
PD	liblzma			
STMicro	cobra-stm32			
Xilinx	cobra-r5dp			
Xilinx IP	axi_usb2_device	dp_rx_subsystem		
Zlib	libtinym2	zlib		

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