

10ziG

PEAKOS™ REPURPOS™

Tech & Firmware Notification
PeakOS™/RepurpOS™ - 16.4.31

December 6 2022

10ZiG are releasing PeakOS™ and RepurpOS™ v16.4.31.

This firmware can be applied to models listed in requirements section with model suffix of 02 and 72.

In addition to any RepurpOS™ firmware installed onto 3rd party hardware including PC's, Laptops and other Thin Clients.

See requirements section below for more details.

Requirements

PeakOS™ Supported Hardware

46xx: 4602q, 4672q

60xxq: 6002q, 6072q

61xx: 6102, 6172

75xxq: 7502q, 7572q

77xxq: 7702q, 7772q

79xxq: 7902q, 7972q

RepurpOS™ Supported Hardware

CPU: Intel or AMD x86

RAM: 2GB, Disk: 4GB

Network: Wired & Wireless

Disk: SATA / MMC / NVMe / ATA

BIOS: Legacy & UEFI. *(UEFI Secure BIOS not currently supported)*

Known Limitations

Teradici PCoIP Client

Upgrading from 16.4.30 (including 16.4.30.x hotfix version) removes Teradici PCoIP Client. Planned fix coming in 16.4.31.x hotfix. *Contact Support for further availability.*

SCEP Client

SCEP client not supported in this release. Planned fix coming in 16.4.31.x hotfix. *Contact Support for further availability.*

Citrix / RDP / VMware Multimedia Redirection

Not supported. Option to be removed in future versions.

Continued...

USB Printer Creation

Adding USB Printers in certain scenarios may require a reboot.

VMware Scanner (SANE) Redirection

VMware Scanner (SANE) Redirection not currently supported. Planned for future version. *Contact Support for further availability.*

Multi-Monitor Selection

Citrix and VMware monitor selection not currently supported. Default behavior displays across all connected monitors.

Firmware Deferral Options

Firmware upgrade deferral not currently supported.

Hypervisor Upgrade Not Supported

Upgrading firmware on Hypervisors not supported. Deploy 16.4.31 as new VM instance.

Client Versions & Package Names

90Meter (N)

Version: 3.0.0.15

Included in 02 Build?: Yes

Included in 72 Build?: Yes

90Meter (S)

Version: 3.0.0.15

Included in 02 Build?: On Request

Included in 72 Build?: On Request

AVD

Version: 1.1.1

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Cisco JVDI

Version: See Addon Page

Included in 02 Build?: Addon

Included in 72 Build?: Addon

Cisco Webex

Version: See Addon Page

Continued...

Included in 02 Build?: Addon

Included in 72 Build?: Addon

Cisco Webex Meetings

Version: See Addon Page

Included in 02 Build?: Addon

Included in 72 Build?: Addon

Citrix Workspace App

Version: 2209

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Firefox

Version: 91.7.1esr

Included in 02 Build?: Yes

Included in 72 Build?: Yes

FreeRDP

Version: 2.7.0

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Google Chrome

Version: 91.0.4472.106

Included in 02 Build?: Yes

Included in 72 Build?: Addon

iSeries Emulation

Version: 91.0.4472.106

Included in 02 Build?: Yes

Included in 72 Build?: Addon

Liquidware

Version: See Addon Page

Included in 02 Build?: Addon

Included in 72 Build?: Addon

Nutanix Frame

Version: See Addon Page

Included in 02 Build?: Addon

Included in 72 Build?: Addon

Continued...

OpenConnect (VPN)

Version: vpng version 0.5.3r550-3.1

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Parallels

Version: 19.0.23304

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Putty

Version: 0.73

Included in 02 Build?: Yes

Included in 72 Build?: Yes

ShellScript

Version: 16.4.31

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Teradici PCOIP Client

Version: 22.09.1-20.04

Included in 02 Build?: Yes

Included in 72 Build?: Yes

VMware Horizon Client

Version: 2206

Included in 02 Build?: Yes

Included in 72 Build?: Yes

VNC Viewer

Version: 4.1.1.

Included in 02 Build?: Yes

Included in 72 Build?: Yes

Zoom VDI

Version: 5.11.2

Included in 02 Build?: Yes

Included in 72 Build?: Yes

PeakOS™ / RepurpOS™ 16.4.31 Release Notes

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Feature Requests

Support of new 9025 wifi 6 module (Intel AX200NGW).

Remove TTerm from standard builds.

Packages: Nutanix: Upgrade Nutanix Frame to version 6.13.0.

Retain VPN configuration unless the user specifies Network Settings reset during Factory Reset.

Added the Bypass systemd-resolved option to Network Setup.

Update HTML GUI version to 1.0.0.8.

FreeRDP 2.7.0: merge commits from branch v16.4.x-freerdp-2.7.0 to v16.4.x.

Citrix GUI - Remove Webex Meetings version selection option, installable via Addon.

Cisco Webex: Abandon multiple plugins per package.

Move to single plugin per package and available via Addon.

Remove Google Chrome for 72 version. Available as Addon.

Reduced firmware package for smaller footprint.

CUPS: Adding filters tools for Samsung/HP printers.

Packages: Citrix: Upgrade to CWA2209.

Packages: VMware: Upgrade to 2206

Packages: core-certs: ca-certificates: Update to version 20211016~20.04.1.

src: rdpimport: fix compile regression. add -lcups in pro.

Packages: xmlgui - Fix Smart Card Utility and Smart Card Service error logic/typos and fix card data json output format in sc-s.

RDP-desktop: printer redirection for AVD and FreeRDP.

Add ability to specify separate ca cert and private key cert in wifi configurations.

RPOS: Add ability to Boot ISO and run as Virtual Machine. Supported via VMware, VirtualBox, Parallels.

Update Logos on RPOS License warning dialog.

Support 10ZiG Laptop 7500q series.

RPOS installer: create partition for hibernation support.

Add firmware file for 7500q wireless card.

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Change default system tray icon from "10" to orange circle with square.

Add support of RealTek RTL8852au Wireless card.

Change default system tray icon from "10" to orange circle with square.

Remove legacy wallpapers.

Add updated 10ZiG wallpapers.

New themed icon for System Information on the taskbar.

Packages: xmlgui: Citrix GUI optimization.

Cleanup unused firmware files from rootfs.

Add PCoIP teradici client to all builds.

Update information screens displayed during an RPOS install.

Mouse: Add touchpad settings in mouse applet.

RPOS installer: Add new images.

Scripts: upgradefw: Use the first local IP address (if there are more than one).

Packages: xmlgui - Firefox GUI optimization.

Packages: xmlgui - VMware GUI optimization.

Packages: xmlgui - Add some error handling in setting base64 and number values

Build: automatically add current version tag to branch when building a release.

Packages: xmlgui - Desktop GUI - generate md5 hash of current wallpaper and store in Desktop config for Manager use (Future version of 10ZiG Manager required).

Packages: xmlgui - Add CGI script for manager to download current wallpaper (Future version of 10ZiG Manager required).

Packages: xmlgui - VNC viewer GUI optimization.

Packages: xmlgui - shellscript GUI optimization.

Scripts: init_setup: Add libjson-c-dev .

Added extended_info.cgi and lshw.cgi - Used for displaying additional client information in 10ZiG Manager 5.1.0 or higher.

Packages: xmlgui - Google Chrome GUI optimization.

Packages: xmlgui - Add function SortObj to tools.js.

Packages: desktop-base: displaylink: Update DisplayLink driver to version 5.4.0.

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Initial support of 90meter smartcard.

RPOS: Show battery status (if battery present) on vertical taskbar.

RPOS: New action for lid open/close: turn on/off built-in display.

RPOS: Fix display configurator for Lenovo ThinkPad L13 Yoga.

Logging: Adding log package collection API.

FreeRDP: Change default Direct RDP Experience settings.

FreeRDP: Support more connection speed (network) values

Packages: xmlgui - Security GUI - add option for blocking port 443 with warning.

RPOS: Add Monitor hot plug support.

Cisco Webex: create package for latest plugin version 42.6.0.22645.

RPOS: fix hot plug monitor Dell U3821DW to Lenovo Yoga.

802.1x: (netcs5) Allow use of hostname as TLS/EAP identity (9834).

Cisco Webex Meetings: create package for plugin version 42.6.8.5.

RPOS: Support hot plug of monitor Dell U3821DW to Lenovo Yoga.

RPOS: Support hot plug of audio Dell U3821DW to Lenovo Yoga.

802.1x: use MAC address as identity.

Track addon upgrades and VDI user login history via 10ZiG Manager 5.1.0 or higher.

Cisco Webex Teams: create package for version 42.8.0.23214.

Cisco Webex Meetings: create package for plugin version 42.2.10.7.

log-collector: adding wpa_supplicant.log and wpa_supplicant.conf files.

Add 7900q Series as supported Model.

PeakOS™ / RepurpOS™ 16.4.31 Release Notes

Annoyances

Allow ability to resolve *.local DNS domains.

RPOS: Remove tcname from installed system, solve problem with duplicate system ids/names.

Remove obsolete firmware for intel bluetooth.

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Turn off console messages for bluetooth firmware load failures as not supported.

Kill Client popup warning when exiting window with shift lock on.

Fix typo in packages/hd_installer/20/10zig/bin/rpos_installer.sh.

networkconfig: Hide the modem entry on manager side.

Packages: xmlgui: Web Console functionality - in network share convert checkbox values to boolean values when initiating folder list.

Fix problem of firmware built on different machines (upgrades all packages).

Packages: desktop-citrix: citrix.xml: Remove Syslog setting.

Packages: desktop-citrix: Add tz_truncate_ctx_logfile.

Packages: desktop-citrix: init_ica: Always restart ctxlogd before session.

Packages: citrix: icaclient: .ctxlogconf: Disable all logging by default.

Packages: desktop-base: init: switch_model_config: Do not backup hostname.

xscreensaver presents undesirable splash on startup.

RPOS: Installer icon on desktop after upgrade (boot from local disk).

Packages: xmlgui - start_citrix -- Add lock to prevent multiple connection launches from multiple clicks at once.

RepurOSMenu: increase resolution of banner image.

Packages: xmlgui - touch screen GUI optimization.

Packages: xmlgui - Mouse GUI optimization.

Packages: xmlgui: Autosutdown GUI optimization.

Packages: xmlgui - VPN client GUI optimization.

Packages: xmlgui - init_network.sh - fix typo to stop error output.

Packages: xmlgui - typo preventing Manager from being able to trigger restart.

icewm/xorg after sending config.

Packages: xmlgui - Sidebar GUI optimization.

Packages: xmlgui: VNC Settings GUI optimization.

Packages: xmlgui: Security GUI optimization.

Packages: xmlgui: Remove unused GUI files and update index.json.

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Packages: xmlgui - Corrections for handling wallpaper application via Desktop GUI and via template.

Packages: xmlgui & src: LTC16: usbrmgr -- Corrections for allowing spaces in wallpaper names.

Packages: xmlgui -- get_certs.cgi - include hidden cert files.

Packages: desktop-base: desktop.xinitrc: Initialize clock after network is up.

RPOS: vmware: exclude USB boot device from USB redirection.

PeakOS™ / RepurpOS™ 16.4.31 Release Notes

Bugs

Background wallpaper not working 16.4.30.13.

Citrix: Intermittent F24 failure in Citrix session 16.4.30.12.

Manager: Could not send 6002q-1 16.4.31.rc3 into Backup and Restore via 10ZiG Manager (PXE Boot).

Citrix: Hotplugging USB audio in session was very loud at first then normalized after a minute.

USB Printer failed to be discovered until after reboot.

HTML GUI not working on HP ProBook (Similar issue noted on faster hardware).

ICA Global Settings applet missing from Control Panel.

With 3 HP Z24u monitors, first 2 are extended and 3rd is always a mirror.

Certificates are not getting imported correctly into Google Chrome profile.

RPOS: Installer fix (tcname wrongly removed from USB).

xmlconfig: various fixes including bad XML connection location.

Packages: xmlgui - Minor web console related applet fixes.

vnlauncher: update the location attr. to reflect the correct, conn. file path.

Network and Cloud Agent settings not retained on upgrade.

Citrix: SHIFT-F12 not working in 16.4.30.

Losing stored WiFi Network settings on upgrade.

Network config values are not saved when editing locally after sending a network config from Web Console.

Packages: desktop-base: init: Add init_touchscreen (was missing).

Smart Card Utility and Smart Card Service showing Error dialog on load.

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Smart Card Utility - Read card randomly fails.

RPOS: More cleanup of RPOS license installation.

Fix output to key.pem -> last line was missing.

iSeries: Renaming connection issue (emuwrapper tool).

Do not overwrite hostname when applying a template.

Regression from 16.3.x - cannot launch multiple citrix URLs.

iSeries: problem with Pause key mapping.

Impossible to remap Pause key.

iSeries: 5250 Display session - keyboard not set correctly.

Packages: emulator: Fix issue renaming 5250 connections.

Packages: emulator: Fix keyboard mapping (pause and right ctrl), centered some dialog boxes, fix crash on release build.

Screensaver: Does not kick in as expected.

Screensaver: login prompt is the wrong dialog and prompts to login 'screensaver' user.

Citrix: Selfservice connection does not validate citrixready.cloud.com server certificate.

Packages: desktop-pkos: start_pkos - Set background color according to theme if wallpaper set to none.

Packages: vmware-view and desktop-citrix: Fix zoom plugin for VMware and fix ZoomMedia.ini switching sessions from Citrix to Vmw.

VMware Zoom plugin not working.

Revert "LTC16: XmlDisplayCfg: vesa.cpp: Fix VM display name.

RPOS: Touchpad settings not working on new 10ZiG laptop (7500q - M7665).

Packages: chrome - Fix typo in value name when retrieving forced extensions list.

Packages: xmlgui - Fix reference to security settings in Firefox GUI.

RPOS: fix for RTW8852 (build environment).

LTC16: XmlDisplayCfg: Do not skip DisplayLink adapter when setting refresh rate.

Packages: xmlgui - Desktop GUI - fixes bug 'OK' button not closing applet.

init_pcscd script burns CPU due to a tight loop.

Imprivata: does not handle the Win+L key to lock session.

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RPOS: Tentative fix for mode setting wrongly set as display driver.

RPOS: x11-libs: fix loading of libdrm-intel1.

RPOS: root: hw_profiler: fix wrong video driver on intel platforms.

Wizard: General improvements to handling of location in restricted networks.

Network config applet: An issue on config.xml prevents the applet to show.

Monitor hotplug causes PulseAudio restart and crash of Teams session.

Pulseaudio 'suspend on idle' module enabled regardless of setting in Sound GUI.

RDP Client/ VNC Client not auto starting in combination with fixed IP address.