

10ZiG

PEAKOS™ REPURPOS™
NOS™

Tech & Firmware Notification

PeakOS™ / RepurpOS™ / NOS™ - v16.6.1

July 15, 2026

General 16.6.1:

10ZiG Linux (NOS, PeakOS, RepurpOS) 16.6.1 is upgraded to a Ubuntu 24.04 LTS based OS, formerly Ubuntu 22.04 LTS with 16.5 based firmware/OS. This offers general improvements and alignment against Ubuntu 24.04 LTS, including hardware, networking and printing improvements. In addition 16.6.1 offers a variety of security enhancements. Whilst upgrading from 16.5.x to 16.6.x is possible, downgrade is not supported. For customers upgrading from 16.5. based firmware/OS, we recommend testing 16.6.x before deploying on a wider scale. The complete release notes are available below.

- Alignment to Ubuntu 24.04 LTS
- Security enhancements (Technical Whitepaper available)
 - SSH removed (Available separately as installable Firmware Addon)
 - Move to UKI
 - Signed squashes and signed firmware update packages support (tzupg)
 - Replace Firefox with 10ZiG Secure Browser
- Network enhancements - move to netcs7 managed by systemd-networkd
- No firmware downgrade support to earlier versions (16.5 or below)
- Minimum system requirements: 4GB RAM and 8GB Storage
- Support user override settings
- Support template deferral

Client Versions

10ZiG Secure Browser - 144.0.7559.59

90meterN - 3.0.0.65

(S version available upon request for ALL builds)

Amazon Workspaces Client - 2025.1.5561-1-24

(Available upon request)

Apporto

(Available as an add-on for PKOS and RPOS)

10ZiG AVD Client 4.0.0 (4641)

(based on Microsoft SDK)

Chrome - 143.0.7499.109

Parallels Client - 20.2.0 (build 25889)

(PKOS and RPOS Only)

Citrix Workspace App - 2508.10

Cisco Webex (Formerly Teams) Plugin - 45.12.0.33726

(Available as a combined Cisco Webex and Webex Meetings Firmware addon. Older versions are available upon request).

Cisco Webex Meetings Plugin - 45.6.2.7

(Available as a combined Cisco Webex and Webex Meetings Firmware addon. Older versions are available upon request).

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ControlUp EdgeDX Plugin - 2.17-6932

(Available as an addon for PKOS, RPOS, NOS-C and NOS-O)

Firefox - 140.6.0 ESR**FreeRDP - 2.9.0****FreeRDP - 3.5.1****RingCentral Omnissa Plugin 26.1.30 (BETA)**

(Available as an addon for PKOS, RPOS, and NOS-O)

Note: Citrix is supported natively without any specific RingCentral add-on.

Omnissa Horizon Client - 2512**Omnissa Horizon Client Add-on - 2603**

(Available as an addon for PKOS, RPOS, and NOS-O)

Teams PWA

(Available as an add-on for PKOS and RPOS)

Zoom VDI - 6.2.11.25670**Zoom VDI - 6.4.12**

(Available as an addon for PKOS, RPOS, NOS-C and NOS-O)

Known Limitations:

Boot speed is slower generally than prior 16.5.39 version. This will be addressed in forthcoming minor release.

Some displays fail to wake after DPMS activates, requiring a reboot to get them back. Will be addressed in forthcoming minor release.

Workaround: Either disable DPMS in display settings or enable the "Disable hotplug reset" option in the display settings, available in firmware version 16.5.39.6 or later.

HP Anyware client is not supported on 16.6.1 firmware. This Anyware client will be removed from the base firmware (PKOS and RPOS) in the next minor release, 16.6.1.1.

In rare cases the 7500qTAA and 7300q units may boot to a black screen. This will be addressed in an upcoming minor release.

Workaround: none.

In rare cases, devices may reboot when attempting to shutdown when encountering a kernel panic. This will be addressed in an upcoming minor release.

Workaround: none.

Kernel messages are sometimes seen on boot instead of the 10ZiG splash screen. This will be addressed in an upcoming minor release.

Workaround: none.

Continued...

Updating the 7100 to 16.6.1 boots to a black screen. Requires re-image back to 16.5.xx to restore functionality. This will be addressed in a future minor release.

Workaround: none.

Firmware updates will fail when applied to units with 4GB of storage. This issue will be addressed in a future minor release.

Workaround: none.

New Features/Enhancements

10ZiG Secure Browser

Replaced default browser Firefox with 10ZiG Secure Browser.

Updated Tzsecurebrowser to 144.0.7559.59.

Added "multiple windows" option.

Display

Added "Disable hotplug reset" option to display configuration.

Network

Moved to Netcs7 / Systemd-networkd

Showed authentication failure message on SSID password screen.

Hashed PSK in wpa_supplicant configuration file.

Added GUI option that allows user to specify a different CA cert to the one that gets automatically configured in the wpa_supplicant.conf file.

Added ability to select which wireless frequency to use.

Added support for multiple DNS servers.

Time/Date

Added UTC Time Zone Option

Added support for multiple NTP servers for failover.

Security

Set UKI as default bootloader.

Updated GRUB2 to a newer version (with SBAT > 4).

Signed and Validated Squashes and rootfs.

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Signed firmware tar (upgrade and addon).

Validated signed upgrade package (tzupg) in USB upgrade.

Strengthened the 10ZiG password encryption algorithm.

Updated libltp3 to support the newer encryption algorithms.

Added support for BitLocker encrypted drives.

Removed the ability to view stored passwords after configuration is closed.

Ability to limit the options available on the power button menu.

Ability to whitelist USB drives when transferring files via browser.

Mouse/Keyboard

Added option to disable touchpad while typing.

Replicated Dell Wyse Thin OS Desktop Shortcut Keys in 10ZiG OS.

Imprivata

Support of new RFIDeas readers through using SDK 7.9.3.

Imprivata Virtual Channel Support for RDP.

Added support for local Imprivata inactivity timeout.

Sound

Migrated to Ubuntu 24.04 PulseAudio package.

Added 'Low-Bandwidth Audio' option to sound applet.

5250

Added a custom Systemd service change to allow a Linux device running a 5250 emulator to communicate with a Mettler scale.

5250 Emulator: When in TBT mode show session maximized and with TBT style.

MISC

Added support for template deferral.

Requires 10ZiG Manager v6.1.0 or later.

Added support for user override settings.

Requires 10ZiG Manager v5.5.0.1 or later.

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Added Hibernate option in Power Settings on 10ZiG laptop 7500qTAA.
Requires re-image to create partition.

Upgraded Firefox browser to version 140.6.0esr.

Removed Call Number field in System Logs applet.

Added support for exFAT file systems.

Added support for applying addons via USB.

Added support for launching specific putty connections using the shell script.

Fixed Issues

10ZiG Secure Browser

Opening shortcut multiple times with Private Browsing disabled opens full Chromium browser.

10ZiG Secure Browser, copy and paste shortcut keys not functional.

Display

Dual touchscreens cause incorrect touch mapping.

Complex display layouts may cause the cursor to get trapped with one monitor.

Touch screen device calibration not functional with the Primary screen normal and the secondary monitor touch with rotation.

Hotplugging with the displays set to Duplicate causes displays to flicker.

Blinking Cursor on boot with Dell P2424HT Touchscreen monitor (monitor has a built-in RJ45 to USB connector for touch functionality) which appears to trigger this issue.

Network

Nets memory leak.

SCEP Enrollment fails with blank error.

SCEP certificate key length is 2048 regardless of key length dropdown setting.

LAN 802.1x (TLS/EAP) fails with "failed to parse private_key_passwd '[KEY DATA REMOVED]'" in wpa_supplicant.log.

WiFi 6E using WPA3 fails to connect with 'No PSK available for association' error in wpa_supplicant log

VNC

Web console VNC window is tiny if monitor is off or in DPMS.

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Desktop

Screensaver "Password initialization failed" Message Upon Wake Up if Password is Enabled.

Custom Screensaver Files Are Not Saving into Template.
Requires 10ZiG Manager v5.5.0.1 or later.

Security

Issued on and Expires on date for PFX certificates shown as Unknown in Certificates applet.

Update keyring unlocking patched library libgcr-base-3.so to version 3.41.2.

Enabling "Disable connection configuration" failed to prevent creating new connections via the sidebar/taskbar.
Disable chacha20-poly1305 Cipher.

10ZiG Manager PKCS-11 library list in the Manager does not display 90Meter-S library.

Imprivata

Imprivata background not sticking when applied through 10ZiG Manager.

Imprivata Phantom Rectangle appearing on NOS builds.

10 – 20 second delay when authenticating in session using Imprivata virtual channel.

Imprivata inactivity timeout is not triggered when 'disconnect on lock' is enabled.

Imprivata "g_resources is not defined" error with Citrix Published Apps.

'Microsoft Remote Desktop' error appears when resource launch is canceled.

Workspace One resource fails to launch with 'invalid launch URL.'

Imprivata Desktop Lock/Desktop Connection Switch does not appear to be working with Horizon Cloud Next Gen.

Cosmetic issues with Imprivata Launch Pad when configured with French Language.

Fingerprint Reader is not detected by Imprivata at boot until hot plugged.

Imprivata hangs on password prompt after failed secondary authentication (Prox + Password).

Sound

Monitor does not play sound when hot-plugged.

Default Monitor Audio is not picked up unless the monitor is powered on when the device is booted.

Distorted audio when using monitor's built-in microphone.
Requires enabling 'Low-Bandwidth Audio' option in sound configuration.

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Printing

CUPS server error message: "No such file or directory" with Test Page from usb and network printers.

USB/Network Printer will not print - "Universal filter failed."

Integrate printer driver to support Canon LBP6030 printer.

5250

Duplicate 5250 Session Icons in Connection Manager.

5250 emulator needs 32-bit libraries update.

5250 Emulator Window Manager Behavior in Portal Mode - cannot be moved, resized, minimized, or maximized on lower-resolution displays.

Firmware Update

Selecting "Allow user to postpone the upgrade" cancels out the "Reset to factory default first" value when performing a firmware update.

EFI.tgz / signatures.tgz files missing from client causing download from peer DFV process to fail.

MISC

Config Wizard Loops Forever / Missing Background on Boot.

System Logs Applet - Send Method USB Hangs Indefinitely.

Newer Addons and connection types may not populate run status to PKOS portal mode.

Taskbar Power/Logoff option is not working correctly when using LDAP authentication.

Clicking cancel in VPN client applet prompted user to refresh desktop.

Configuration tabs missing the header description.

Support Information dialog shows NOT ASSIGNED for IP when a Static IP is set.

Parallels Client 20.2.25889 does not redirect client drives.

Recommended: Disable "Use all disk drives available" within RAS policy for Disk drives and folders.

AWS Workspaces logins that use *Okta/SAML authentication* fail due to the browser not properly handling the {{workspaces://[TOKEN]}} redirect protocol.

Shell scripts with a space in the name do not work.

Block web links included with AWS client when "Enable Default Browser" is disabled.

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RepurpOS™ v16.6.1**New Features/Enhancements**

Added support for MediaTek wireless card.

Added support for AMD Athlon Silver 7120U / Radeon iGPU.

Added support for various Lenovo models wireless cards.

Fixed Issues

RPOS fails to boot on laptops with Iris XE chips.

Desktop fails to start on Dell Latitude 7420 laptop.

RPOS ISO fails to boot on VMs.

Desktop fails to load on devices with MTL-based Intel GPUs.

Citrix PKOS, RPOS and NOS-C 16.6.1**New Features/Enhancements**

Integrated Citrix Workspace App 2508.10.

Bypassed Detect Citrix Workspace prompt for Receiver for Web.

Launched Citrix receiver for web with 10ZiG Secure browser.

FIDO2 Authentication via Receiver for Web connection type.

Added “Transparent Key Passthrough” option.

Fixed Issues

Philips Virtual Channel not functional for NOSC/RPOS.

Typo “Connetion” in Citrix Error Message.

Webex VDI plugin disconnects after installing EdgeDX addon.

Webex Plugin Retained but Not Working (Virtual Channel VDI Fallback Mode) After Upgrading.

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Microsoft PKOS, RPOS and NOS-M 16.6.1

New Features/Enhancements

Added SDK4 client version along with SDK3 and add options to enable location, serial port and battery redirection.

AVD SDK4: Updated Teams Optimization to use WebRTC version "M133 (02.10.25) (cd3e295)."

AVD SDK4: Recompiled and patched WebRTC "M133 (02.10.25) (cd3e295)."

Added additional SDKv3 and SDKv4 client options under Advanced, for troubleshooting any random disconnect/freeze issues.

FIDO2 authentication supported via 10ZiG-CEF Authentication Browser under Login.

AVD Client: added "mouse" "kbd" and "pix" new categories to reduce log verbosity.

AVD Client: Periodically call the metrics SDK API to collect rtt and bandwidth.

AVD Client: Removed QT "network" component to avoid OpenSSL conflicts.

AVD Client: updated the connection progress window using asynchronous messages.

AVD Client: updated framebuffer and cursor shape within the QT GUI thread.

Fixed Issues

Enabling Smart Card Logon Does Not Un-Gray the Smart Card Type Dropdown Box.

Webcam LED light remains illuminated even after camera is disabled during Teams video call in AVD.

AVD Client: regression: client does not read back the updated password from Legacy or CEF authenticator.

Login fails when the FabulaTech USB redirection plugin is enabled in the 10ZiG RDP client.

AVD Client: Teams optimization causing crash when pulseaudio is not responsive.

AVD Client: GUI instance refreshes a token each minute.

AVD Client: Fix parsing token expiration date after token refresh.

AVD Classic GUI: Do not set virtual channel option (Zoom).

When using a touchscreen and connecting to a session via RDP, the right-click function (press and hold) does not work.

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Omnissa PKOS, RPOS and NOS-O 16.6.1

New Features/Enhancements

Integrated Horizon Client 2512.

Handled Horizon SAML login mode when default browser is disabled.

FIDO2 authentication supported via SAML login mode

Horizon Reconnect session option is not observed after a manager template including Desktop (Xorg) restart is initiated.

Bypassed Horizon Client install warning when launching resources from Workspace One using the native client.

Added GUI option for protocol connection certificate checking mode.

Fixed Issues

Password Reset (Lock icon Launchpad) Not Working When Clicked.

Password Reset URL Text Field is Incorrectly Enabled by Default.

Disabling the Reconnect Session box does not grey out the Reconnect Timer field.

Slow Loading speeds using the Horizon Client on the 4448v/o.

Requires configuration changes. Contact support for assistance

Horizon Launchpad Populates (Caches) Username/Password Upon Logout with Only Username Stored or Nothing Stored in Login.

Horizon Launchpad required a reboot to clear credentials after they were removed from the stored configuration.

Printer Icon in Horizon launchpad window tooltip titled "Time/Date Configuration."

Special characters in passcode field are truncated when connecting to Horizon.

Speaker Test for Zoom Fails To Play Audio Through Any Audio Device.

Horizon server dropdown not available with Smart Card login.