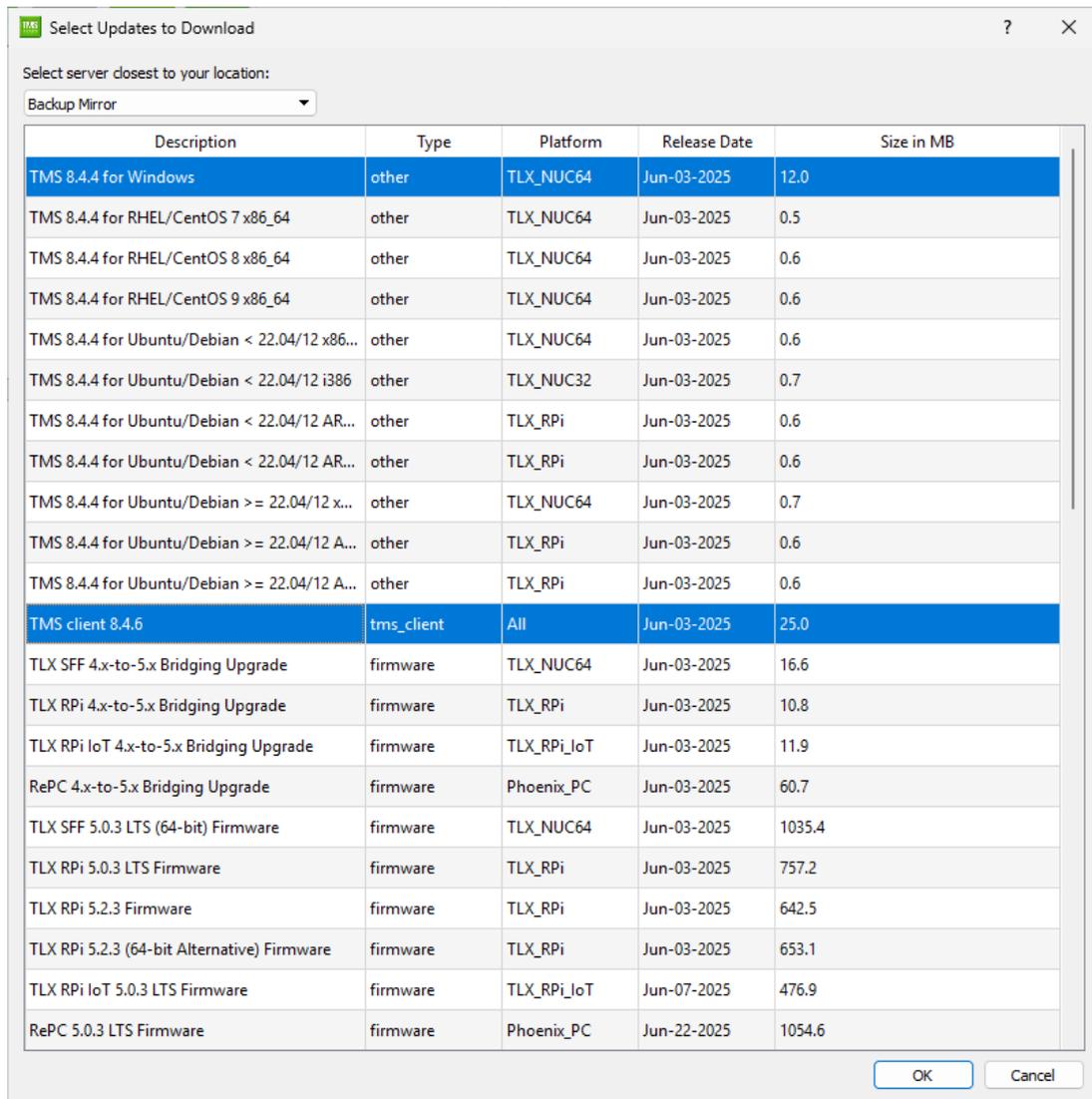


License Howto January 21 2026

Thank you for buying TLXOS licenses, your license Entitlement was automatically stored in the ThinLinX license Server Database when you purchased TLXOS licenses at the ThinLinX online store. Your details, the license Device type, license Quantity, the email address and password you registered are all stored in the ThinLinX Database.

When you license selected TLXOS devices the devices send unique hardware information to the license Server which then sends an encrypted license Key back to each device where it is stored locally. If you ever change or erase the storage on the device it will automatically download the encrypted license Key when first booted as the license Server will detect that the device is already licensed and send back the same license Key as was originally sent to the device.

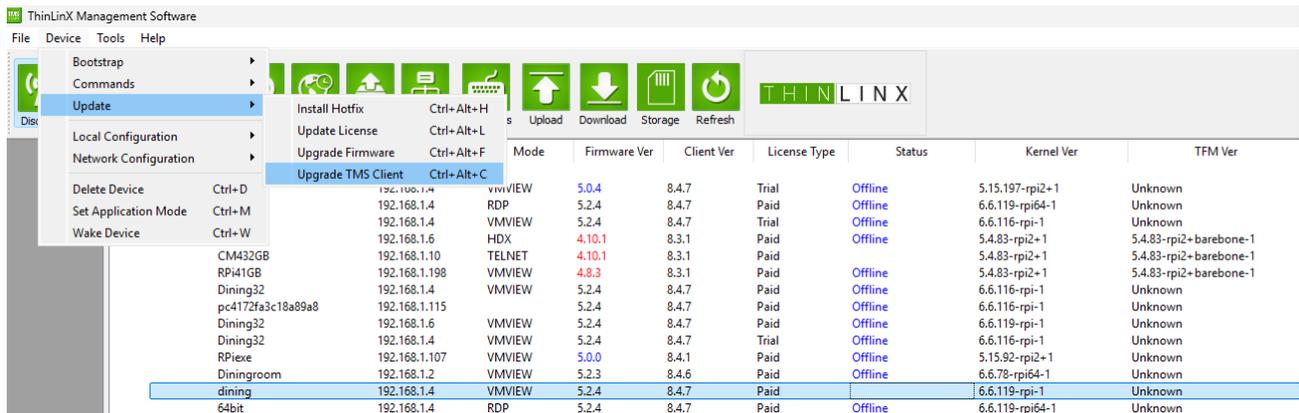
After buying licenses the next step is to use the free ThinLinX Management Software (TMS) which you can download from <https://thinlinx.com/download> to license your TLXOS devices. At the time of writing this document, the latest version of TMS is TMS 8.4.4. The latest TMS client end of the TMS SSL connection to TLXOS is TMS client 8.4.6. You can keep these both up to date by clicking on the TMS Download Icon, see example below



In the image above you can see that TMS server 8.4.4 for Windows and TMS client 8.4.6 have been selected for download, click on OK to download these.

The Windows version of TMS will install over the current Windows version updating TMS automatically. The Linux versions will be downloaded but will have to be installed manually using your Linux distro package management tools.

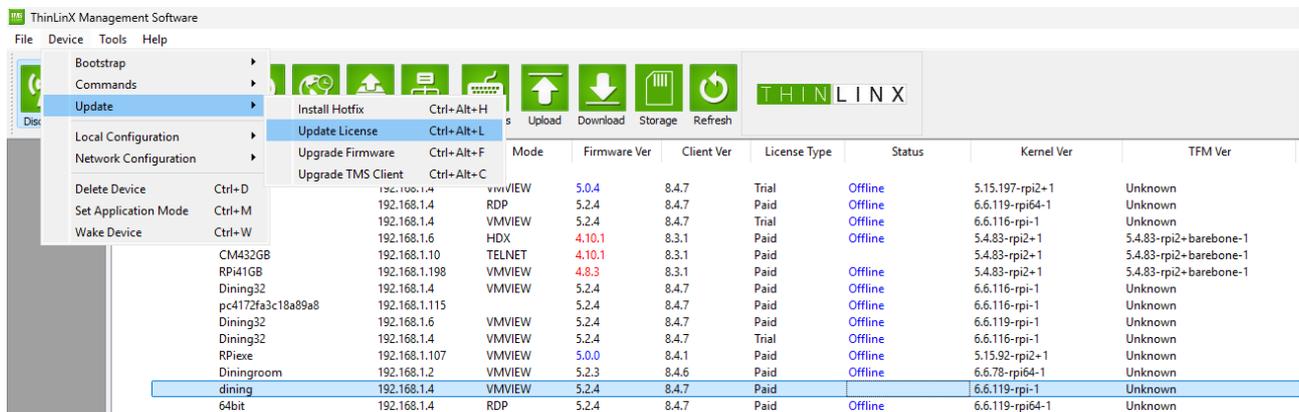
To update a client device running TLXOS with the downloaded TMS client you need to highlight the TLXOS devices on TMS and then select Device -> Update -> Upgrade TMS Client



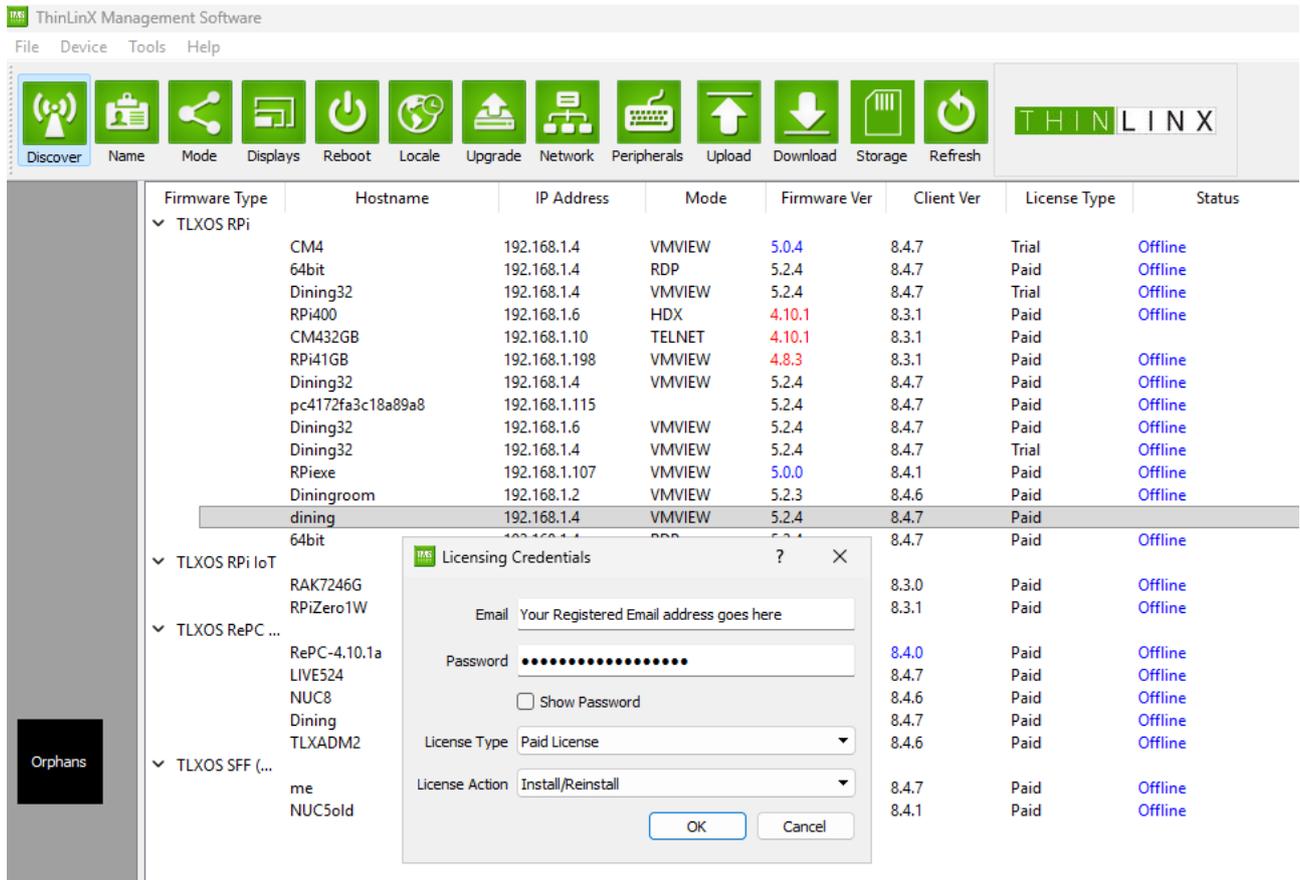
Licensing your TLXOS devices

Most of our customers License their TLXOS devices as shown below using TMS but in the case that TMS is not available you can use the local Tlxconfig menu on the TLXOS device itself. Click on the Configure button, you will see the Device Tab has Licensing Dialogs at the bottom of the screen, enter your Registered Email Address and Password, ensure the License Type is **Paid**, set Action to **Install/Reinstall**, click on Perform Action

To use TMS to install your License, highlight the devices which you wish to License, then use TMS → Device → Update → Update License



Enter the Email Address and Password that you Registered at the ThinLinX Store into the Dialog Box, leave the default Paid version selected. You will note that there is also a Free Trial option, you can use this to License the 30 Day Free TLXOS trial if the auto licensing of the Free Trial failed during installation



Click on OK, within about five seconds you will see “Product Licensed” appear in the TMS Status line on the right side of the screen on each Highlighted Device

After your devices are Licensed, click on the Refresh Icon to see the updated License Status, you will see “Paid” under License Type and the Support Expiry date has changed to **Never**

If your Trial License had expired and your device is in ThinLinX Firmware Maintenance Mode, you must now use TMS to return to Normal mode. You do this by selecting TMS → Device → Commands → Enter/Exit Maintenance Mode. Your device will reboot running TLXOS in normal mode

You will note that under the License Action selection in the image above, you have three choices, **Install/Reinstall, Revoke and Verify**. The **Verify** option will check your License status and at the

same time will update the number of Licenses of each class which you have purchased and display the results on TMS and how many have been used of each class.

The screenshot shows the ThinLinX Management Software interface. At the top, there is a menu bar with 'File', 'Device', 'Tools', and 'Help'. Below the menu bar is a toolbar with icons for Discover, Name, Mode, Displays, Reboot, Locale, Upgrade, Network, Peripherals, Upload, Download, Storage, and Refresh. The main area displays a table of device licenses. The table has columns for Firmware Type, Hostname, IP Address, Mode, Firmware Ver, Client Ver, License Type, and Status. The table is grouped by Firmware Type, with categories like TLXOS RPi, TLXOS RPi IoT, TLXOS RePC, and TLXOS SFF. A specific row for 'dining' is highlighted, showing a 'Paid' license type and a status of 'Correct license already installed'.

Firmware Type	Hostname	IP Address	Mode	Firmware Ver	Client Ver	License Type	Status
TLXOS RPi	CM4	192.168.1.4	VMVIEW	5.0.4	8.4.7	Trial	Used 18 of 100 (last checked 2026-01-15)
	64bit	192.168.1.4	RDP	5.2.4	8.4.7	Paid	Offline
	Dining32	192.168.1.4	VMVIEW	5.2.4	8.4.7	Trial	Offline
	RPi400	192.168.1.6	HDX	4.10.1	8.3.1	Paid	Offline
	CM432GB	192.168.1.10	TELNET	4.10.1	8.3.1	Paid	
	RPi41GB	192.168.1.198	VMVIEW	4.8.3	8.3.1	Paid	Offline
	Dining32	192.168.1.4	VMVIEW	5.2.4	8.4.7	Paid	Offline
	pc4172fa3c18a89a8	192.168.1.115		5.2.4	8.4.7	Paid	Offline
	Dining32	192.168.1.6	VMVIEW	5.2.4	8.4.7	Paid	Offline
	Dining32	192.168.1.4	VMVIEW	5.2.4	8.4.7	Trial	Offline
	RPiexe	192.168.1.107	VMVIEW	5.0.0	8.4.1	Paid	Offline
	Diningroom	192.168.1.2	VMVIEW	5.2.3	8.4.6	Paid	Offline
	dining	192.168.1.4	VMVIEW	5.2.4	8.4.7	Paid	Correct license already installed
	64bit	192.168.1.4	RDP	5.2.4	8.4.7	Paid	Offline
TLXOS RPi IoT	RAK7246G	192.168.1.8	RDP	4.8.2	8.3.0	Paid	Used 2 of 100 (last checked 2026-01-15)
	RPiZero1W	192.168.1.47	RDP	4.10.1	8.3.1	Paid	Offline
TLXOS RePC ...	RePC-4.10.1a	192.168.1.122	RDP	4.10.1	8.4.0	Paid	Used 18 of 100 (last checked 2026-01-15)
	LIVE524	192.168.1.104	RDP	5.2.4	8.4.7	Paid	Offline
	NUC8	192.168.1.130	VMVIEW	5.3.0	8.4.6	Paid	Offline
	Dining	192.168.1.4	VMVIEW	5.0.4	8.4.7	Paid	Offline
	TLXADM2	192.168.1.131	USERDEF	5.2.3	8.4.6	Paid	Offline
TLXOS SFF (...)	me	192.168.1.119	RDP	5.0.4	8.4.7	Paid	Used 28 of 100 (last checked 2026-01-15)
	NUC5old	192.168.1.129	RDP	5.0.0	8.4.1	Paid	Offline

The **Revoke** option reverts a Paid license to a expired Trial License allowing you to re-license the device again if you wish to at a later date. A **Revoked** License goes back into your License pool allowing you to reuse it on another device of the same class. What this means is that it is now up to you to determine which of your devices make use of your licenses. If you want to reactivate a revoked license, then do so, by promoting it back to Paid license status using TMS' "Device->Update->Update License" option (or the equivalent function in Tlxconfig, although you will have a limited opportunity to do that before the device returns to Maintenance Mode, see below). If you have Paid licenses assigned to devices that are no longer in service, and want to free up those licenses, then do so by revoking their licenses, again using "Device->Update->Update License" (N.B. the current version of TMS still requires that the device be offline before you can do this, but we will remove that constraint in the next TMS release; for the same reasons, the current version of Tlxconfig deliberately does not support revocation, but the next release will do so).

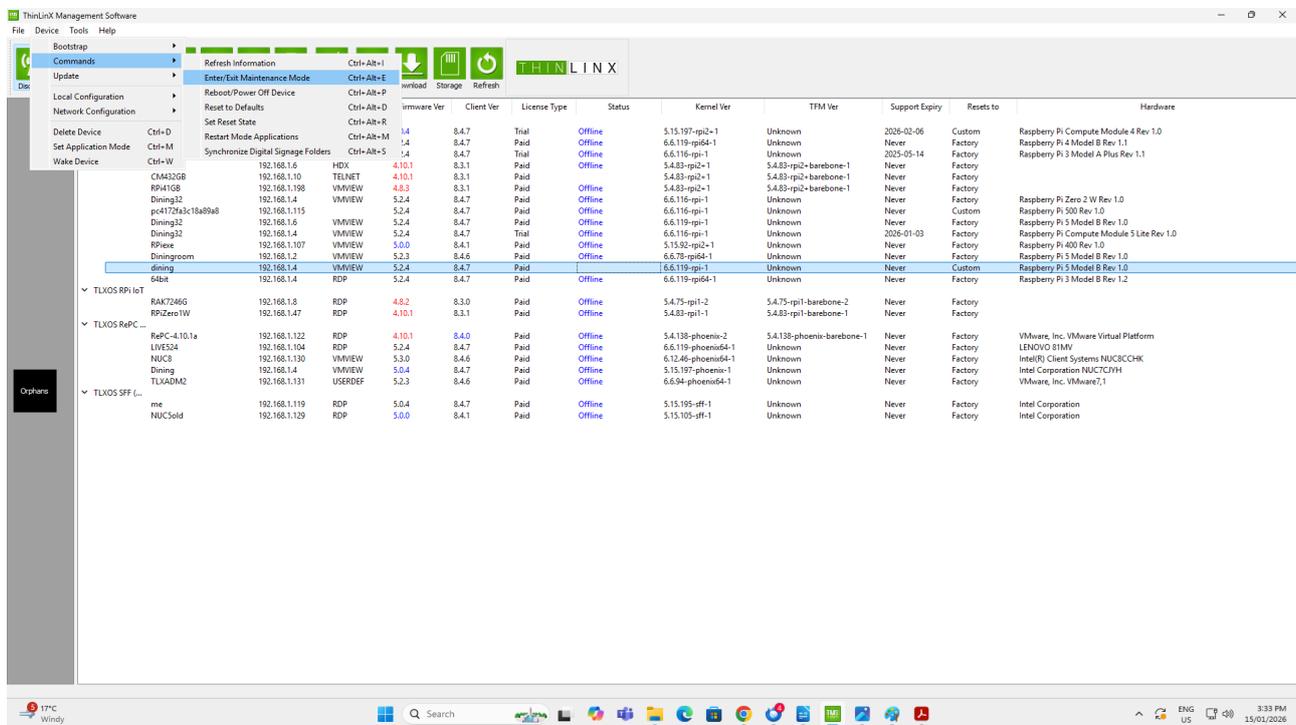
However, you must still stay within your paid license limit, unless you wish to purchase additional ones.

You can exit Maintenance Mode using either <Ctrl><Alt> on the console, or using TMS, but devices with expired trials can only remain in Normal mode for a maximum of 10 minutes at a time.

You can log on to our read-only licensing web UI at <https://tls.thinlinx.com/> (log on using use your ThinLinX Store credentials) for a detailed list of your current license allocations.

Licensing is not linked to storage devices in any way. Replacing a storage device will not affect your license, unless for some reason (e.g. corporate firewall, unavailability of TMS) the device is

unable to fetch its license from our Internet license server when booting up for the first time after its storage has been re-imaged. If you have such a problem, you can the reinstall the device's license proof token manually via TMS' "Device->Update->Update License" option.



You can also force a TLXOS device into Maintenance Mode by selecting Device → Commands → Enter Maintenance Mode, this is used to repair a damaged SD Card by automatically running the Linux FSCK program on entering Maintenance mode. This will repair any SD Card corruption, you then use the commands in the image above to Exit Maintenance Mode.

TMS is a powerful Management console, it has many features including the ability to update the TLXOS firmware, apply Hotfixes, and apply TMS client upgrades. TMS is available for Windows and Linux and is also integrated into TLXADM2 which is the ThinLinX Administration Virtual Appliance which is currently planned for release in Q1 2026.

TLXADM2 also includes a Desktop Shadowing feature which allows the Administrator to view and interact with any TLXOS device even before connecting to a Remote Desktop Session, TMS will soon support managing OpenVPN and Wireguard VPN's on TLXOS devices and can also be configured as the VPN Server for TLXOS devices which makes it ideal for cloud deployment

TMS may be used to manage devices located anywhere in the World including TLXOS devices located behind multiple Firewalls, this is possible as the client opens the connection to TMS

At the moment we have three different types of Licenses which only work with the same class of device, Raspberry Pi, Small Form Factor and Re-Purpose PC. A RePC License only works on a RePC device, it will not work on a Raspberry Pi. Due to customer requests we have plans to change to a single universal License in 2026 which will work on any TLXOS device, this will be useful for customers transitioning from RePC or Small Factor Devices to a device such as a Raspberry Pi.

Please read the TLXOS, TMS and Digital Signage guides below, updated versions will be released regularly in future

<https://thinlinx.com/tlxos-user-manual.pdf>

<https://thinlinx.com/tms-user-manual.pdf>

<https://thinlinx.com/dsi-quick-start-guide.pdf>