



NEPI ENGINE

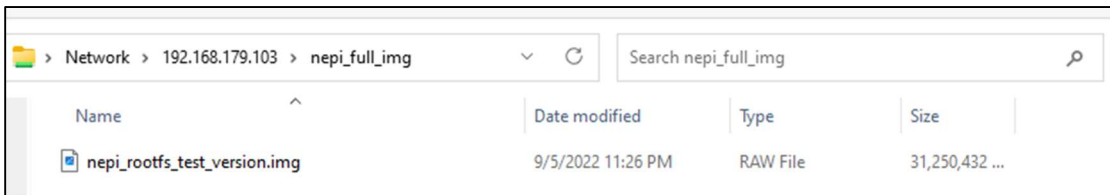
SOFTWARE UPDATING INSTRUCTIONS

Version Number: 00
Version Date: Oct 30th, 2023

Software Updating Instructions

NEPI includes a flexible system for updating, backing up, and cloning the NEPI Engine software system. Typical steps for a complete system image updating are provided below. See the “Numurus_API_NEPI Engine - File System” document for more details on how to create and manage NEPI Engine software images.

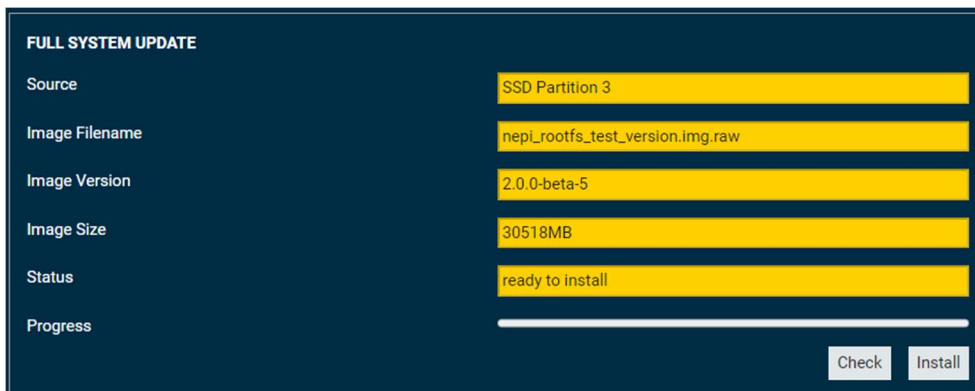
1. Obtain the image file. Numurus maintains image files for a number leading edge-compute hardware platforms downloadable at:
<https://www.dropbox.com/scl/fo/xs08d4c43dupfg1ftc2vy/h?rlkey=we8r0omh123ufq9opbl5yj0g6&dl=0>
Ensure it has a filename of the form *nepi_*_sys.img.raw*, where the wildcard * can be any valid filename substring. If the file has a .zip extension, make sure to unzip the file first.
2. Copy the image to the *nepi_full_img* subdirectory from your development host system via networked filesystem access (Samba).



3. Save all your current system and user settings by selecting the “Save” button on the RUI’s System/Admin tab with “All” selected in the dropdown box.



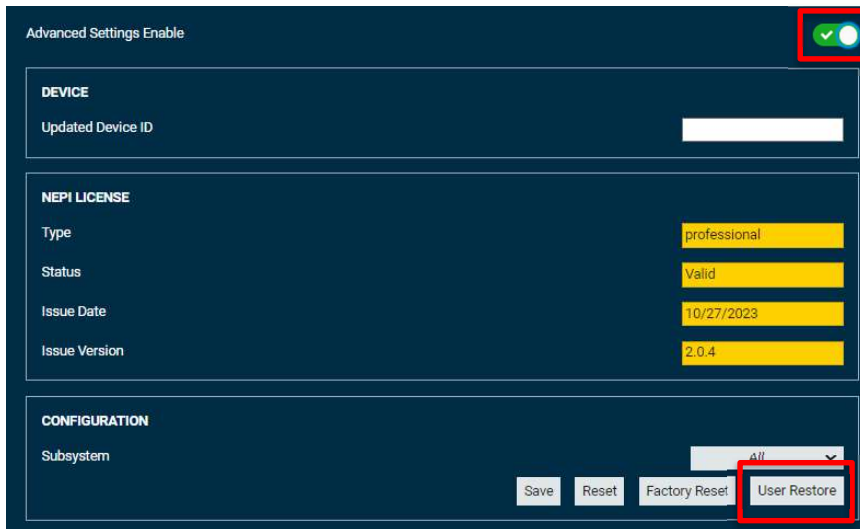
4. From RUI System/Software page in the Full System Update section, select Check. The image should be detected and the NEPI s/w version reported in the Image Version textbox. The Status text field should report “Ready to Install.”



5. Click “Install” button to start the installation and wait for installation to complete. Then reboot your system.

Following successful install, the Active and Inactive definitions should be swapped so that on next reboot the new image will be the Active one. In rare cases, it may be necessary to manually click the Switch Active/Inactive button – the Full System Update: Status text field will inform you if that is the case.

6. Restore your saved pre-install system and user settings by opening the RUI Settings/Admin tab, enabling the “Advanced Settings Enable” button, and selecting the “User Restore” button.



7. (Optional) You can also update your system’s documentation, AI models, and automation scripts with the latest release by downloading the folders from the following link:
<https://www.dropbox.com/scl/fo/c7qap49hftrmi13ku49tg/h?rlkey=kbufq3lv04y9c2etc17kotk0j&dl=0>
Once downloaded, replace the folders on your NEPI devices user_storage network shared drive.

