Boost the performance of the NUC system – Activating Intel Optane
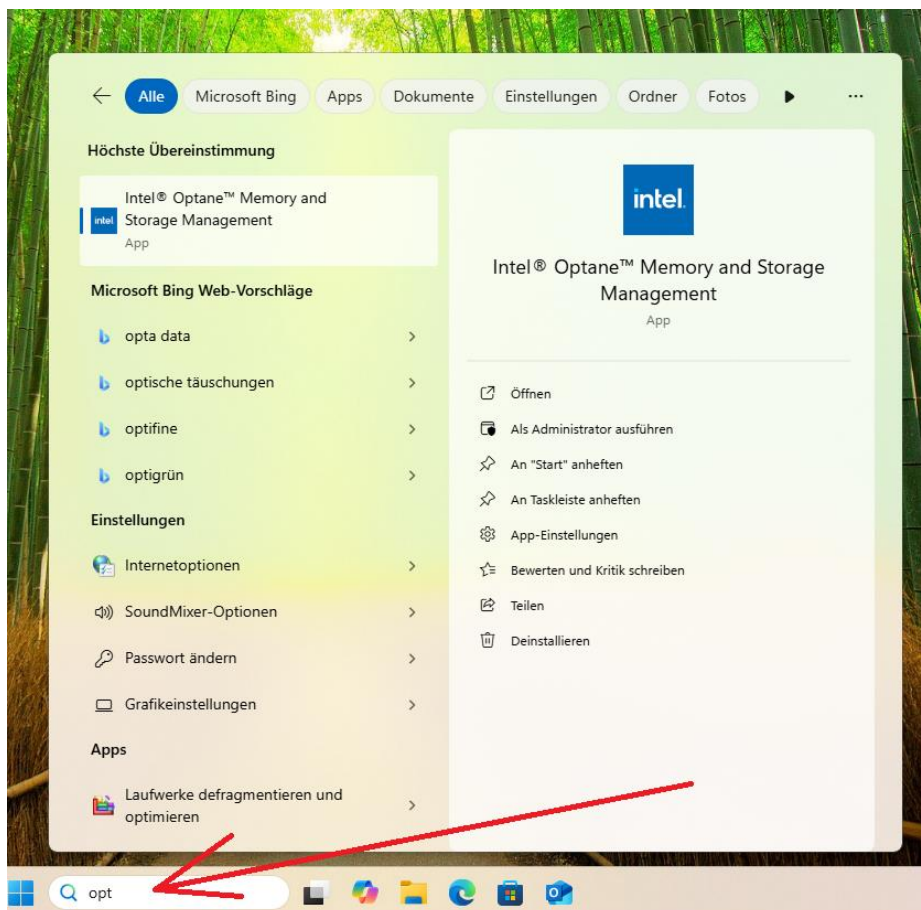
Installing and upgrading to Windows 11 may cause the Intel Optane optimization provided by Intel to malfunction or fail.

In this case, please proceed as follows:

Step 1 – Start Intel Optane Software

1. Click Search in the Windows taskbar

2. Type "opt" or "optane"

3. Open Intel® Optane™ Memory and Storage Management

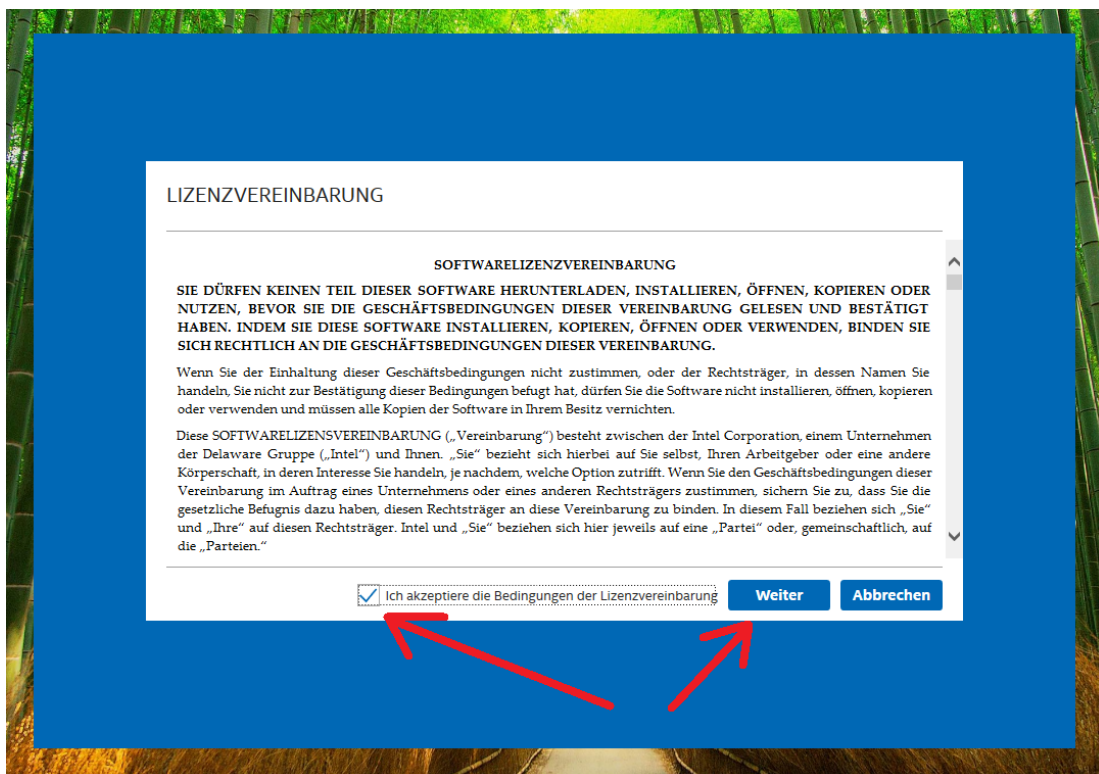   (Recommended: Right-click → Run as administrator)

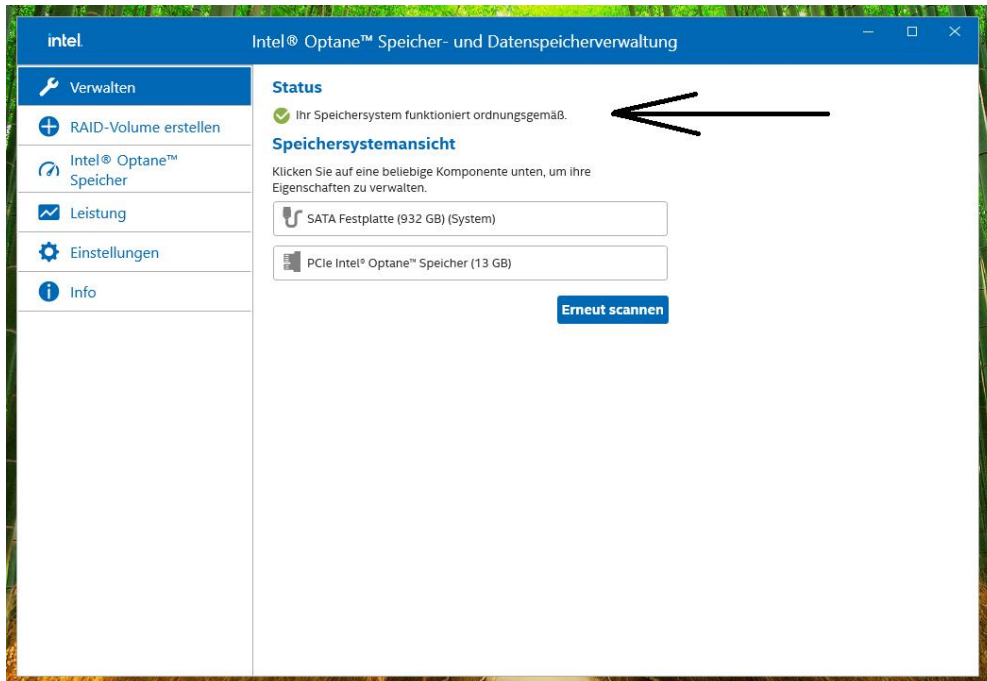⚠️ Note: If the Optane app is not available, you will need to install it manually from the Microsoft Store.

To do this, open the Store, search for "Optane" or "Intel® Rapid Storage Technology Application," and download/install it.

Step 2 – Accept license agreement

1. After the Intel Optane app has launched, check the box
"I accept the terms of the license agreement."

2. Click **Next**.

Step 3 – Check function

Green status Icon:

- Message: **„Yourr Storage system is functioning correctly"**

- Anzeige:

    o SATA-Hard drive (System)

    o **PCIe Intel® Optane™ Memory (13 GB)**

👉 The System is working correctly.

Yellow exclamation mark (⚠) indicates that the system is not working correctly and that the metadata on the Optane memory needs to be reset.
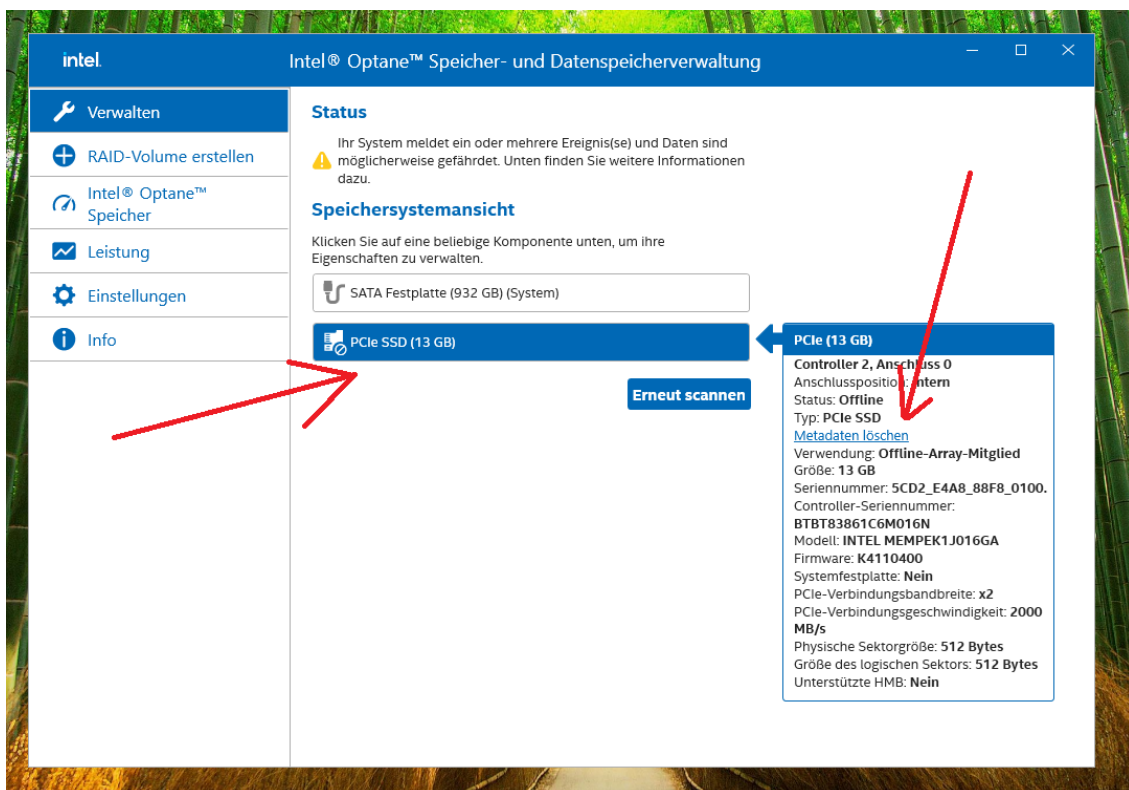
➔ **Siehe dazu Schritt 4-6**

Step 4 – Identify problem

The **Storage system** shows:

- SATA-Hard drive (System)

- **PCIe SSD (13 GB)** – Intel Optane

- Status warning:
  „Usage: Offline array member"

Step 5 – Delete Optane-Metadata

1. Click on **PCIe SSD (13 GB)**

2. Click on **Delete Metadata** on the right

3. Confirm the security prompt by clicking **Delete**

⚠ Note:

- Only **data on the Optane module will be deleted**.

- **The Windows system drive remains unaffected**

This step is absolutely necessary to integrate Optane correctly.

Step 6 – Scan System again

1. After deleting, click on **"Scan again"**.

2. Wait briefly until the view is updated.

The Optane module is initialized and should now be displayed as working.

Results and performance evaluation

• Optane functions correctly as a cache

• Faster boot times

• Noticeably shorter loading times for programs and data