

PC Installation

When using the Windows 10 operating system at the Jade University of Applied Sciences, the following instructions must be observed to ensure reliable and largely data protection-compliant operation:

Preparations

- Make a **backup** of your data if you don't want to install new hardware with Windows 10. Save this backup on an external data medium.
- Before the installation, you must first request a **hostname** from the HRZ, as this is required for the installation. This process is described under [devices](#).
- Creation of a suitable **installation medium**:
 - Authorized users can find the installation medium in the [PC network system](#) at X:\Downloads\Microsoft Campus\Windows. Use these ISO files to create a bootable installation medium (a USB stick, e.g. with Rufus).
 - Please only use Windows 10 in the **Enterprise** version. All other available versions of Windows 10 do not meet the recommendations for the data economy. You can find out the differences between the Microsoft Windows editions [here](#) and read the data protection declaration [here](#).

Installation

- **Installation type**: Select "User-defined" here. Please note that locally existing data will be deleted.
- **Partitioning**
 - First delete all partitions
 - Create a new partition with "New". Select either all or part of the hard drive. If you want an integer drive size in the Windows 10 operating system at the end, you must specify the desired size of the drive increased by 500MB (Legacy Boot) / 566MB (EFI Boot).
Example: If you want a hard disk size of 100GB, you must specify a size of $100 \times 1024\text{MB} + 500\text{MB} = 102900\text{MB}$ (Legacy Boot) / $100 \times 1024\text{MB} + 566\text{MB} = 102966\text{MB}$ (EFI Boot) when partitioning.
- Under **Get on quickly** please do not select "Use express settings", but "**Customize**". First slide **all switches** to the **Off** setting.
- Under "**Select the type of connection**" please select "**Join a local Active Directory domain**".
- Under "**Create an account for this PC**" you have to assign a (local) user name:
 - If the device is later to be integrated into the [PC network system](#) (this usually applies to **fixed PCs**), it must be added to our Active Directory at the end. In this case, please **do not use your user name at the Jade University** (but your lowercase first or last name).
 - If the device should not later be integrated into the PC network system (this usually applies to **notebooks**), it does not have to be included in our Active Directory at the end. In this case, please use **your user name at the Jade University**.
- Under "Get to know Cortana" please select the setting "Not now".

Rework

- Under Control Panel / System, change the computer name to the hostname assigned by the HRZ in the form pcXXXXX or moXXXXX. Select "HS-WOE" as the working group.
- Reinstall any missing device drivers.
- Install appropriate virus protection. You can find information [here](#).
- Run the Windows Update and install all updates available for the operating system
- If your device is to participate in the [PC network system](#), please contact the [PC technology](#) of the university computer center.

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