

# Imaging

Imaging enables the operating system of a computer to be installed fully automatically via the network. All that is required is for the computer to be connected to the network via cable and for a so-called PXE boot process—the network-based loading process of a rudimentary boot kernel—to be set in the BIOS.

## Hardware requirements

Due to the drivers implemented and the hardware detection implemented in the imaging, the hardware that can be used is limited to the following devices.

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Dell Latitude 7440
Dell Latitude 7450
Dell OptiPlex 5000
Dell OptiPlex 5060
Dell OptiPlex 5070
Dell OptiPlex 5080
Dell OptiPlex 5090
Dell OptiPlex 7060
Dell OptiPlex 7070 Ultra
Dell OptiPlex 7090
Dell OptiPlex 7090 UFF
Dell OptiPlex Micro Plus 7010
Dell OptiPlex Micro Plus 7020
Dell OptiPlex SFF Plus 7010
Dell OptiPlex SFF Plus 7020
Dell OptiPlex Tower Plus 7010
Dell OptiPlex Tower Plus 7020
Dell Precision 3630 Tower
Dell Precision 3640 Tower
Dell Precision 3660
Dell Precision 3680
Dell Precision 5820 Tower
Dell Precision 5820 Tower X-Series
Dell Precision 5860 Tower
Dell Precision 7920 Tower
Dell Pro 13 Premium PA13250
Dell Pro 14 Plus PB14250
Dell Pro Max Tower T2 FCT2250
Dell Pro Micro Plus QBM1250
Dell Pro Slim Plus QBS1250
Dell Pro Tower Plus QBT1250
```

## Imaging variants

In the pool rooms, the computers are installed with software distribution, i.e., the ZENworks Software menu. The computers are automatically added to the domain and assigned to the appropriate groups in Active Directory.

Images are available in the network system for installing a workstation computer, which also install the software distribution. It is essential to select the correct (image) project, otherwise the system will be imported incorrectly and malfunctions will occur! It is generally recommended to delete the HDDs via the BIOS before imaging, update the firmware, and configure the BIOS settings for each specific device. It is also possible to image PC systems or notebooks that are not to be imported into the PC network system; separate projects (OS images) are available for this purpose.



**ATTENTION:** Imaging will result in all data on the hard drives being irretrievably deleted.



Since the introduction of NVMe SSDs in conjunction with Windows 11, imaging is only possible in UEFI mode.

Older computers (790/7010/7020) can no longer be imaged or are blocked for this purpose because they do not meet the system requirements for Windows 11.

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