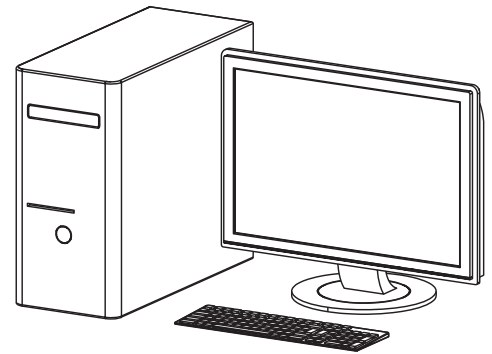


Information



The following information merely states the requirements for the computer system. Even if the stated system requirements are met, correct operation of the Dürr Dental hardware/software can still be disrupted by specific hardware and software features on the customer side. In these cases, Dürr Dental assumes no liability for trouble-free operation of the Dürr Dental hardware/software.

The connection of additional systems to the PC may change the system requirements. Comply with the system requirements of all connected systems.



Intraoral camera systems

The system requirements of the software being used to operate the device must always be met during its operation. If third-party software is being used to operate the device, compliance with its system requirements must be assured. The following additional system requirements must also be met:

VistaCam iX HD Smart

Interface:	USB 2.0 USB 3.0
Total maximum cable length:	Up to 5 m with USB extension cable Up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first) DBSWIN version 5.9 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaCam iX

Interface:	USB 2.0 USB 3.0
Total maximum cable length:	Up to 5 m with USB extension cable Up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first) DBSWIN version 5.2 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaCam CL.iX

Interface:	USB 2.0 The device cannot be operated on USB 3.0.
Total maximum cable length (from the computer to the base station):	Up to 5 m with USB extension cable Up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	DBSWIN version 5.0.2 or higher (order number: 2100-725-02), VistaEasy, Image Bridge



Image plate scanner and small X-ray system

The system requirements of the software being used to operate the device must always be met during its operation. If third-party software is being used to operate the device, compliance with its system requirements must be assured. The following additional system requirements must also be met:

VistaScan Mini View

Interface:	Ethernet \geq 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first) DBSWIN version 5.5 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaScan Mini Plus

Interface:	USB 2.0 USB 3.0 Ethernet \geq 100 Mbit/s
Total maximum cable length:	USB: up to 5 m with USB extension cable USB: up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 1.0 or higher (order number: 2110100002), only Ethernet network connection supported VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first, only Ethernet network connection supported) DBSWIN version 5.0 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaScan Mini

Interface:	USB 2.0 USB 3.0 Ethernet \geq 100 Mbit/s
Total maximum cable length:	USB: up to 5 m with USB extension cable USB: up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 1.0 or higher (order number: 2110100002), only Ethernet network connection supported VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first, only Ethernet network connection supported) DBSWIN version 5.0 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaScan Mini Easy

Interface:	USB 2.0 USB 3.0 Ethernet \geq 100 Mbit/s
Total maximum cable length:	USB: up to 5 m with USB extension cable USB: up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 2.1 or higher (order number: 2110100002), only Ethernet network connection supported DBSWIN version 5.3 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaScan Nano Easy

Interface:	Ethernet \geq 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order number: 2110100002) DBSWIN version 5.15 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaScan Combi View

Interface:	Ethernet \geq 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first) DBSWIN version 5.5 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaRay 7

Drive:	DVD ROM
Interface:	USB 2.0 USB 3.0
Total maximum cable length:	USB: 5 m
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) VistaConnect version 1.0 or higher (VistaEasy/DBSWIN must be uninstalled first) DBSWIN version 5.3 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

X-ray unit

The system requirements of the software being used to operate the device must always be met during its operation. If third-party software is being used to operate the device, compliance with its system requirements must be assured. The following additional system requirements must also be met:

VistaPano S

Interface:	1 free PCI Express slot for supplied Gigabit Ethernet controller
Graphics card:	Resolution \geq 1280 x 1024 Depth of colour 32-bit, 16.7 million colours
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) DBSWIN version 5.6 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaPano S Ceph

Interface:	1 free PCI Express slot for supplied Gigabit Ethernet controller
Software:	VistaSoft version 1.0 or higher (order number: 2110100002) DBSWIN version 5.8 or higher (order number: 2100-725-02), VistaEasy, Image Bridge

VistaVox S

A reconstruction PC with increased requirements is required to operate the unit. A direct connection is required between the reconstruction PC and the unit (fibre optic cable).




The processor and graphics board must correspond with the specifications and system requirements to enable a faultless reconstruction. Should these requirements not be fulfilled, Dürer Dental does not provide any guarantee for faultless reconstruction.

CPU:	\geq Intel Xeon E5-1607 3 GHz \geq Intel Core i7-6700, 3,4 GHz
RAM:	\geq 16 GB DDR3-1600
Operating systems:	Microsoft Windows 10, 64-Bit (Pro or higher)
Hard disk:	– For reconstruction: \geq 500 GB, SSD recommended – Additionally for the database (only with single workstation installation): the database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 400 MB)
Drive:	DVD-ROM (optional: software can be installed via download)
Interface:	1 PCI Express slot Gen2 x4 USB socket Gigabit Ethernet (only with multi-station installation)
Graphics card:	NVIDIA GeForce GTX970 4 GB NVIDIA GeForce GTX1060 6 GB NVIDIA GeForce GTX1070 8 GB NVIDIA GeForce GTX1080 8 GB NVIDIA GeForce GTX 1660Ti 6 GB NVIDIA GeForce RTX 2070 8 GB NVIDIA Quadro P2000 5 GB
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Software:	VistaSoft version 2.0 or higher (order number: 2110100002)

VistaVox S Ceph

A reconstruction PC with increased requirements is required to operate the unit. A direct connection is required between the reconstruction PC and the unit (fibre optic cable).

 The processor and graphics board must correspond with the specifications and system requirements to enable a faultless reconstruction. Should these requirements not be fulfilled, Dürer Dental does not provide any guarantee for faultless reconstruction.

CPU:	≥ Intel Xeon E5-1607 3 GHz ≥ Intel Core i7-6700, 3,4 GHz
RAM:	≥ 16 GB DDR3-1600
Operating systems:	Microsoft Windows 10, 64-Bit (Pro or higher)
Hard disk:	– For reconstruction: ≥ 500 GB, SSD recommended – Additionally for the database (only with single workstation installation): the database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 400 MB)
Drive:	DVD-ROM (optional: software can be installed via download)
Interface:	1 PCI Express slot Gen2 x4 USB socket Gigabit Ethernet (only with multi-station installation)
Graphics card:	NVIDIA GeForce GTX970 4 GB NVIDIA GeForce GTX1060 6 GB NVIDIA GeForce GTX1070 8 GB NVIDIA GeForce GTX1080 8 GB NVIDIA GeForce GTX 1660Ti 6 GB NVIDIA GeForce RTX 2070 8 GB NVIDIA Quadro P2000 5 GB
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Software:	VistaSoft version 2.3 or higher (order number: 2110100002)

Software

VistaSoft

Valid from version 2.4.10, order number 2110100002

CPU:	≥ Intel Core i3
RAM:	≥ 4 GB
Operating systems:	Microsoft Windows 8.1 (not Windows RT) Microsoft Windows 10 (Pro or higher) Microsoft Windows Server 2016 Microsoft Windows Server 2019
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 300 MB)
Data backup:	Daily data back-up
Drive:	DVD-ROM
Interface:	Ethernet ≥ 100 MBit/s USB (for installation) Internet connection (for VistaSoft Cloud only) Valid email address (for VistaSoft Cloud only)
Graphics card:	Resolution ≥ 1280 x 1024 Depth of colour 32-bit, 16.7 million colours For viewing 3D X-ray images: NVIDIA graphics card ≥ 1 GB With regard to producing 3D X-ray images, please see requirements for 3D X-ray units (VistaVox S and VistaVox S Ceph)
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Notes:	Data migration is possible from an existing DBSWIN installation into VistaSoft from DBSWIN 5.11 or higher.

VistaConnect

Valid from version 1.0

CPU:	≥ Intel Core i3
RAM:	≥ 2 GB
Operating systems:	Microsoft Windows 7 32-bit (Home Premium or higher), SP1 and Update KB3033929, recommended: KB2921916 Microsoft Windows 7 64-bit (Home Premium or higher), SP1 and Update KB3033929, recommended: KB2921916 Microsoft Windows 8, 64-bit (not Windows RT)
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB / X-ray image: approx. 2 MB - 10 MB)
Drive:	DVD ROM
Interface:	Ethernet ≥100 MBit/s
Graphics card:	Resolution ≥ 1024 x 768 Depth of colour 32-bit, 16.7 million colours
Notes:	VistaConnect can only be installed if VistaEasy/DBSWIN is uninstalled first. VistaConnect and Image Bridge can be installed in parallel from Image Bridge version 1.0.69.0 or higher.

DBSWIN incl. VistaEasy

Valid from version 5.16, order number 2100-725-02

CPU:	≥ Intel Pentium IV compatible, 1.4 GHz
RAM:	≥ 1 GB (2 GB recommended)
Operating systems:	Microsoft Windows XP Professional, 32-bit, SP 3 (up to DBSWIN 5.9.1) Microsoft Windows 7 (Home Premium or above), SP1 and additionally update KB3033929, recommended: KB2921916 Microsoft Windows 8.1 (not Windows RT) Microsoft Windows 10 (Pro or higher) Microsoft Windows Server 2016 Microsoft Windows Server 2019
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB / X-ray image: approx. 2 MB - 10 MB)
Drive:	DVD ROM
Data backup:	Daily data back-up
Interface:	Ethernet ≥ 100 Mbit/s
Graphics card:	Resolution ≥ 1024 x 768 Depth of colour 32-bit, 16.7 million colours
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)

Image Bridge

Valid from DBSWIN Version 5.16

Valid from VistaConnect Version 1.0

CPU:	≥ Intel Pentium IV compatible, 1.4 GHz
RAM:	≥ 1 GB (2 GB recommended)
Operating systems:	Microsoft Windows XP Professional, 32-bit, SP 3 (up to DBSWIN 5.9.1) Microsoft Windows 7 (Home Premium or above), SP1 and additionally update KB3033929, recommended: KB2921916 Microsoft Windows 8.1 (not Windows RT) Microsoft Windows 10 (Pro or higher) Microsoft Windows Server 2016 Microsoft Windows Server 2019
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB / X-ray image: approx. 2 MB - 10 MB)
Drive:	DVD ROM
Interface:	Ethernet ≥ 100 Mbit/s
Graphics card:	Resolution ≥ 1024 x 768 Depth of colour 32-bit, 16.7 million colours
Notes:	VistaConnect and Image Bridge can be installed in parallel from Image Bridge version 1.0.69.0 or higher.