

## 6.2 System requirements for the reconstruction computer

A reconstruction PC with increased requirements is required to operate the unit. In addition, a direct connection via fiber optic cable is required between the reconstruction PC and the unit.



The processor and graphics board must meet the specifications and system requirements to ensure a faultless reconstruction. Should these requirements not be met, Air Techniques does not provide any guarantee for faultless reconstruction.

CPU:	≥ Intel Xeon E5-1607 3 GHz 1066
RAM:	≥ 16 GB DDR3-1600
Operating systems:	Microsoft Windows 7 64-bit (Home Premium or higher), SP1 and, in addition, update KB3033929, recommended: KB2921916 Microsoft Windows 10, 64-bit (Pro or higher)
Hard disk:	– For reconstruction: ≥ 1 TB – Additionally for the database (applies to single workstation installation only): the database memory requirements of the database depend on the number of images taken at the practice. (Camera image: c. 1 MB, X-ray image: c. 2 MB - 10 MB, CBCT: 200 - 300 MB)
Drive:	DVD-ROM (optional: software can be installed via download)
Interface:	1 PCI Express slot Gen2 x4 USB socket Gigabit Ethernet (applies to multi-station installation only)
Graphics board:	NVIDIA GeForce GTX970 4 GB NVIDIA GeForce GTX1060 6 GB NVIDIA GeForce GTX1070 8 GB NVIDIA GeForce GTX1080 8 GB
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Software:	VisionX version 2.3 or higher

- › When connecting the unit to other devices, e.g. a PC system, comply with the requirements set out in section 16 of IEC60601-1 (EN60601-1).
- › When setting up the PC system in the vicinity of the patient:  
Only connect components (e.g. computer, monitor, printer) that comply with the standard IEC60601-1 (EN60601-1).
- › When setting up the PC system outside of the vicinity of the patient:  
Connect components (e.g. computer, monitor, printer) that comply at least with the IEC60950-1 (EN60950-1) standard.



For the system requirements of the computer systems, visit the download area at [www.airtechniques.com](http://www.airtechniques.com) (document no. E7201).