

HEYEX Viewing Stations

Hardware & Network Guide

The purpose of this document is to provide the hardware and network requirements for the deployment of Heidelberg Eye Explorer (HEYEX™) viewing PCs in your practice.

The deployment of one or several HEYEX viewing stations in your practice will bring recognizable improvements to your overall workflow by allowing you to view your SPECTRALIS®, HEP and/or HRT images from the comfort of your own office PC or from any PC in your practice.

Listed below you will find:

- Hardware requirements for SPECTRALIS viewing station PCs
- Hardware requirements for HEP and HRT viewing station PCs
- Local area network requirements
- Recommendations for the deployment of a data server

After reviewing this document, you may realize that your existing office PC hardware and network already meets the requirements listed in this document. Thus, no additional investment in infrastructure or hardware may be necessary.

With the proper hardware and network in place, all you need is a sufficient number of HEYEX Network Licenses to cover the amount of concurrent HEYEX users in your practice. Please contact your Heidelberg Engineering sales representative to assist you with your specific licensing needs.

We recommend working with your practice's IT professional to set up the network connection of your HEYEX viewing stations.

SPECTRALIS - Viewing Station PC Hardware Requirements

Motherboard

- Processor: Minimum: Intel Pentium IV, 2.4 GHz , Recommended: Intel XEON W3550
- RAM: Minimum: 2 GB

Graphic board

- ATI Chipset, NVIDIA GeForce Chipset
- Minimum memory: 768 MB

Permanent storage

- Minimum available disk space: 40 MB
- DVD/CD drive

Monitor

- Recommended: High quality TFT or TRC
- Recommended monitor size: 21 inch (53 cm)
- Resolution for monitor (4:3): Minimum: 1024 x 768, Recommended: 1280 x 1024 or higher
- Resolution for widescreen (16:10): Minimum: 1280 x 800, Recommended: 1440 x 900 or higher

Operating system

- Minimum: Windows XP (32bit) Pro (SP2), Recommended: Windows 7 (32bit)
- Not supported: Windows Vista, MAC OS

Laptops

For the use of laptops the same requirements apply.

HRT and HEP - Viewing Station PC Hardware Requirements

Motherboard

- Processor: Minimum: Intel Pentium IV, 2.0 GHz , Recommended: Pentium IV; 3.0 GHz or higher
- RAM: Minimum: 512 MB

Graphic board

- Minimum resolution: 1024 x 768
- Minimum memory: 256 MB

Permanent storage

- Minimum available disk space: 40 MB
- DVD/CD drive

Monitor

- Recommended monitor size: 21 inch (53 cm)
- Resolution for monitor (4:3): Minimum: 1024 x 768, Recommended: 1280 x 1024 or higher
- Resolution for widescreen (16:10): Minimum: 1280 x 800, Recommended: 1440 x 900 or higher

Operating system

- Recommended: Windows XP (32bit) Pro (SP2), Windows 7 (32bit) (HEP only)
- Not supported: Windows Vista, MAC OS

Laptops

For the use of laptops the same requirements apply.

Network Recommendations

- Minimum: 100MBit/second, Recommended: 1GBit/second (1,000MBit/second)

Local computer networks are typically designed based on customer specification such as number of users, data volume, desired transfer rate and the integration of other systems. These factors should be taken into consideration when assessing the potential network performance. It is important to note that these factors are inherent to each network and are not a physical constraint of the SPECTRALIS, HRT or HEP system.

Recommendation for the Deployment of a Data Server

You can utilize the acquisition PC as the data server if the number of users who simultaneously access the database is no larger than three (3). For four (4) or more simultaneous users, we recommend the deployment of a data server. We also recommend deploying a data server if multiple instruments are sharing a database.

The data server will host the patient database, images and license manager. No further software applications are required to be installed.

Operating System

- Minimum: Windows 2000 Server, Recommended: Windows Server 2003, Windows Server 2003 R2
- Not Supported: Windows Server 2008 and Windows Server 2008 R2

Hardware

The hardware requirements for a data server are specific to the practice's data and user volume, the existing network infrastructure and other possible applications the server will host.



For more information, call 800-931-2230 or visit www.HeidelbergEngineering.com

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