



# ShowCase Image Center Hardware and Software Specifications

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## Recommended Specifications

- 1.5 GHz or faster CPU
- 4 GB RAM
- 500 GB or more of free disk space
- 64-bit Windows OS: Windows 7, 8, 10, Server 2008r2, 2012, 2012r2
- Static IP address (IPV4)
- VPN (if there will be access from outside of the LAN)

## CPU

Dual core is recommended, quad core preferred. The largest CPU demands come from the SQL Server and the iPad image compressor. It is rare for even a low-grade system to run at 100% CPU.

## Memory

4 GB is recommended. Adding more memory will not necessarily improve performance.

## Network Speed

Network bottlenecks occur at the “weakest link” in the network chain from the Image Center to the receiving PC. This is typically the site’s outbound Internet connection or a slow VPN. Slowdowns are rarely caused by the Image Center software or the server’s network hardware.

## Disk Space

On average, a study takes up 150 MB of disk space. To budget two years of disk space, use the formula:

$$150 \text{ MB} \times (\# \text{ studies/day}) \times (250 \text{ working days/year}) \times (2 \text{ years}) = ? \text{ MB}$$

Example: 150MB x 40 studies/day x 250 working days x 2 years = 3,000,000 MB or 3 Terabytes

## A Dedicated Server is not Required

The ShowCase Image Center is designed to run on consumer grade hardware; server-grade hardware is preferred for greater reliability. The Image Center can be installed alongside other applications or on servers that host file shares. We do not recommend installing the Image Center on a machine that is already showing signs of overload or sometimes becomes unresponsive.