

PC Hardware Requirements for VisTool Applications

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VisTool is versatile, powerful screen-building software that can be used to design custom control screens for a number of unique applications. The PC specifications presented here are intended to help you select the computer platform best suited for several general applications. To discuss PC hardware requirements for a specific application, contact your Lawo Sales representative, or visit www.lawo.com/where-to-buy

For all VisTool installations, a 1Gb Ethernet connection is required. A touchscreen video monitor is suggested (although not required) for best user experience. For the operating system, we recommend 64-bit Windows 10 or Windows 11, although the VisTool software will also run on Windows 7, 8 and 8.1.

In-Studio Applications

For VX-Quality Screen Designs

Supports up to 6 Standard resolution screens with one external Web element and up to 5 Ember+ connections:

- 64-bit Windows 10 or 11 operating system
- Core-I5 (or higher) CPU
- 16GB RAM, minimum
- CPU benchmark 3,500 points minimum (based on ratings from www.cpubenchmark.net)
- Video card with 2GB dedicated RAM and support for OpenGL 2.0 or better, with a video benchmark of 2,500 points minimum (based on ratings from www.videocardbenchmark.net)

For HD-Quality Screen Designs

Supports one Full HD screen with one external Web element and up to 5 Ember+ connections:

- 64-bit Windows 10 or 11 operating system
- Core-I5 (or higher) CPU
- 8GB RAM, minimum
- CPU benchmark 3,500 points minimum (based on ratings from www.cpubenchmark.net)
- Video card with 2GB dedicated RAM and support for OpenGL 2.0 or better, with a video benchmark of 2,800 points minimum (based on ratings from www.videocardbenchmark.net)

For UHD-Quality Screen Designs

Supports two UHD screens with two external Web elements, up to 5 Ember+ connections, and up to 64 PPM meter displays:

- 64-bit Windows 10 or 11 operating system
- Core-I5 (or higher) CPU
- 16GB RAM, minimum
- CPU benchmark 6,500 points minimum (based on ratings from www.cpubenchmark.net)
- Video card with 4GB dedicated RAM and support for OpenGL 2.0 or better, with a video benchmark of 5,000 points minimum (based on ratings from www.videocardbenchmark.net)

Master Control Applications

For HD-Quality Screens

Supports two screens and up to 8 instances of VisTool with up to four total external Web elements, 64 PPM displays per instance, and up to 5 total Ember+ connections.

- 64-bit Windows 10 or 11 operating system
- Core-I5 (or higher) CPU
- 16GB RAM, minimum
- CPU benchmark 5,500* points minimum (based on ratings from www.cpubenchmark.net)
- Video card with 4GB dedicated RAM and support for OpenGL 2.0 or better, with a video benchmark of 3,800 points minimum (based on ratings from www.videocardbenchmark.net)

For UHD-Quality Screen Designs

Supports two UHD screens with four external Web elements, up to 5 Ember+ connections, and up to 64 PPM meter displays:

- 64-bit Windows 10 or 11 operating system
- Core-I5 (or higher) CPU
- 16GB RAM, minimum
- CPU benchmark 6,500* points minimum (based on ratings from www.cpubenchmark.net)
- Video card with 4GB dedicated RAM and support for OpenGL 2.0 or better, with a video benchmark of 5,000 points minimum (based on ratings from www.videocardbenchmark.net)

** For VisTool with more than 5 Ember+ connections, a CPU benchmark of 8,000 points minimum is required.*