

Computer Hardware and Software Requirements

OMEGA 2.6 is compatible with Microsoft Windows® XP, 2000, or Vista®. OMEGA 2.6 will **NOT LOAD** on Windows 98 or Windows ME.

Windows XP, XP Professional 64, and 2000	Windows Vista 32-bit and 64-bit ¹
<p>OMEGA CP = Pentium IV™, with 512 MB RAM minimum, 1 GB highly recommended</p> <p>2 GB of available hard disk space minimum, 20+ GB highly recommended</p> <p>OMEGA LS = Pentium IV, with 512 MB RAM minimum, 1 GB highly recommended</p> <p>2 GB of available hard disk space minimum, 20+ GB highly recommended</p> <p>OMEGA CS = Pentium III, with 256 MB minimum, 512 MB highly recommended.</p> <p>1 GB of available hard disk space minimum, 10 GB highly recommended</p> <p>OMEGA PS = Pentium IV, with 512 MB RAM minimum, 1 GB highly recommended.</p> <p>2 GB of available hard disk space minimum, 20+ GB highly recommended.</p> <p><i>These are the recommended minimums. Stronger processors and more memory (2x minimum or more), and additional hard disk space will improve performance, especially when working in data intensive operations such as scanning, working with images and import/export. The available hard disk space requirements do not reflect the actual hard disk size, which may be anywhere from 10 GB to 80 GB or more.</i></p>	<p>1 GHz 32-bit (x86) or 64-bit (x64) processor²</p> <p>1 GB of system memory</p> <p>Support for DirectX 9 graphics with a WDDM driver, 128 MB of graphics memory (min.)³, Pixel Shader 2.0 and 32 bits per pixel</p> <p>40 GB of hard disk capacity with 15 GB free space</p> <p>DVD-ROM Drive⁴</p> <p>Audio output capability</p> <p>Internet access capability</p> <p><i>1. At this time, Windows Vista 64-bit does not support OMEGA parallel port usage. See the Windows operating system compatibility chart on the page 8.</i></p> <p><i>2. Processor speed is specified as the nominal operational processor frequency for the device. Some processors have power management which allows the processor to run at lower rate to save power.</i></p> <p><i>3. If the GPU uses shared memory, then no additional graphics memory is required beyond the 1 GB system memory requirement; If the GPU uses dedicated memory then 128 MB is required.</i></p> <p><i>4. A DVD-ROM may be external (not built into the system).</i></p>
<ul style="list-style-type: none"> ◆ CD-ROM or DVD ROM drive: Required ◆ CDRW or DVDRW drive: highly recommended, for back up and storage of files ◆ 3.5" – 1.44 MB floppy drive: (for use with legacy options, fonts, etc) ◆ Ethernet network support: (for use with the GERBER EDGE FX and network connection) ◆ 2 USB Ports (OMEGA security key requires 1 USB Port) ◆ Serial Port (9-pin): (for connecting plotters and/or routers) - 2 highly recommended ◆ ECP Parallel Port (25-pin): Required for use with GERBER EDGE 2 (unless you purchase the USB-to-Parallel option) <p style="text-align: right;"><i>continued on next page</i></p>	

- ◆ Parallel Port (25-pin): Required for use with GERBER EDGE and/or paper printers)
- ◆ VGA color monitor: with minimum resolution of 1024 x 728 and support of 16 million colors
- ◆ Microsoft-compatible PS/2 style mouse



Note: Using OMEGA with Intel®-based Macintosh® Computers: Based upon minimal GSP testing and end-user reports, OMEGA will run on Intel-based Macintosh systems that are running the Windows XP operating system. There has been minimal testing of outputting to GSP devices using this configuration. Output to the GERBER EDGE® must occur via a GSP or off-the-shelf USB-to-parallel cable. Output to plotters must occur via certain specific USB-to-serial cables. Output to the EDGE 2 must occur using a special GSP USB-to-parallel cable option. This is not an endorsement of this configuration, but is an alert as to the status. GSP Technical Support cannot support any Macintosh OSX related issues.

Windows operating systems compatibility

At this time, Windows Vista 64-bit does not support OMEGA parallel port usage. Therefore you cannot perform Copy-to-USB parallel security key upgrades or communicate with a GERBER EDGE or EDGE 2 printer via a parallel port when using Vista 64-bit. Gerber recommends that you use Vista 32-bit or upgrade to a GERBER EDGE FX which communicates via an Ethernet cable. Alternately, you can render on a Vista 64-bit system and output to a GERBER EDGE or EDGE 2 using a separate OMEGA Plot Station installed on a Windows XP or Windows 2000 computer. The following chart details compatibility.

	Windows XP 32	Windows XP 64	Windows Vista 32	Windows Vista 64
Design				
Composer and other design functions. Create and save PLT files.	OK	OK	OK	OK
Rendering				
GSPPlot rendering of SPL files.	OK	OK	OK	OK
Output				
EDGE via parallel cable or off-the-shelf USB-to-Parallel cable	OK	OK	OK	NO. Use a separate Plot Station on a system NOT using Vista 64-bit.
EDGE 2 via parallel cable or GSP <i>custom</i> USB-to-Parallel cable	OK	OK	OK	NO. Use a separate Plot Station on a system NOT using Vista 64-bit.
EDGE FX (Ethernet only)	OK	OK	OK	OK
Plotters via serial port	OK	OK	OK	OK
Plotters via Radio Shack® 26-183 USB to Serial Cable	OK	Not Tested	Not Tested	Not Tested