

OMEGA 5.0 Computer Hardware and Operating System Compatibility and Requirements

OMEGA 5.0 is compatible with:

- Microsoft Windows® XP SP3 (32 bit recommended), Vista® (32 bit recommended), Windows 7® and Windows 8 (32 or 64 bit, but see other 64 bit notes below).
- All operating system updates should be applied.

64 bit Operating System Notes

- Composer and related design programs run on the 32 and 64 bit operating systems as listed above.
- 3D Autocurve and Gerber Braille Interpreter will not run on 64 bit systems, even if upgrading from a previous version of OMEGA.
 - 3D Autocurve files can be created on 32 bit systems then saved as RTP files, then output on 64 bit systems as long as 3D toolpath generation is NOT attempted on the 64 bit system.
 - Regular ART Path without 3D Autocurve runs on 32 or 64 bit OSs listed above.
- If running 64 bit Windows 7 or 8 with an EDGE 1 or EDGE 2 you must use the GSP USB to Parallel Cable Option to communicate from the PC to the EDGE 1 or 2. Windows 64-bit systems do not support the needed EDGE 1 and EDGE 2 parallel port usage. Therefore you cannot communicate with a GERBER EDGE or EDGE 2 printer VIA PARALLEL PORT when using 64-bit operating systems.
- If using Windows 8 with the GERBER USB to Parallel Cable with an EDGE or EDGE 2, be sure to have at least OMEGA 5.0 build 70 installed on your system. This can be found on www.gspinc.com, or by using the OMEGA 5.0 Check for Updates feature (Composer>Help>Check for Updates). If you do not have at least build 70, you will have to send files from GSPPlot to the GERBER EDGE or EDGE 2 as SPL files.
- If you must run a Gerber Edge or Gerber Edge 2 *with a parallel port*, you MUST run a 32 bit operating system. You can use a 32-bit OS with a parallel port (EDGE 1) or ECP parallel port (EDGE 2) *on the PC mother board*. If you have a Gerber Edge or EDGE 2 with a 64 bit operating system, Gerber offers a USB to Parallel Port Cable option that can interface EDGE and EDGE 2 printers to 64 bit Windows 7 and Windows 8 operating systems.
- Alternately, you can *render* EDGE or EDGE 2 files on a 64-bit system and *output* to a GERBER EDGE or EDGE 2 using a separate OMEGA 5.0 Plot Station installed on a Windows 32-bit computer.
- You can also upgrade your EDGE 1 or EDGE 2 thermal printer to a GERBER EDGE FX which communicates via Ethernet cable with any of the operating systems listed below. The EDGE FX Ethernet port does not require any additional adapters for 64 bit use.

Minimum requirements are dictated by the operating system used

CPU	Multi-core CPU recommended. Minimum processor requirements are dictated by the operating system.
RAM	4 GB or more recommended. Minimum RAM requirements are dictated by the operating system.
Free Disk Space	40+ GB recommended for OMEGA installation. Other disk space requirements are dictated by the operating system.
Video Display	1024 X 728 min resolution and support of 16 million colors. Other video requirements may be dictated by the operating system.
DVD-ROM drive	Required. Writable DVD is recommended.
3.5" Floppy drive	Optional for use with legacy options, fonts, etc.
USB Ports	2 or more recommended.
Ethernet Ports	1 required for use with the Gerber EDGE FX.
Serial (9-pin)	1 required for use with Gerber sprocket plotters and / or routers. <ul style="list-style-type: none"> • GSP offers a USB to Serial Adapter if a serial port is not available.
Parallel (25-pin)	For use with the EDGE (32 bit OSs only)
ECP Parallel (25-pin)	For use with EDGE 2 (32 bit OSs only) <ul style="list-style-type: none"> • GSP offers a custom USB to Parallel Cable if a parallel port is not available or if running a compatible 64 bit operating system.
Mouse or Pointing Device	Required

Additional hard disk space, memory and faster processors will improve performance, especially when working in data intensive operations or with large files.

OMEGA 5.0 Design and Output Compatibility with Various OSs	Windows XP 32	Windows XP 64¹	Windows Vista 32	Windows Vista 64	Windows 7 32	Windows 7 64	Windows 8 32	Windows 8 64
Design								
Composer and other design functions. Create and save PLT files.	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
2D ArtPath router toolpath creation and output	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
3D Autocurve Toolpath Creation (32 bit OSs Only)	OK	NO	OK	NO	OK	NO	OK	NO
3D Autocurve Output (create 3D toolpaths on a 32 bit system and output from a 64 bit system)	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
Gerber Braille Interpreter (32 bit OSs Only)	OK	NO	OK	NO	OK	NO	OK	NO
Rendering								
GSPPlot rendering of SPL files.	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
Output								
EDGE via parallel cable	OK	Not recommended	OK	Not recommended	OK	NO	OK	NO
EDGE via off-the-shelf USB-to-Parallel cable	GSP USB to Parallel Cable Recommended	Not recommended	GSP USB to Parallel Cable Recommended	Not recommended	NO	NO	NO	NO
EDGE 2 via ECP parallel cable (ECP port must be on motherboard)	OK	Not recommended	OK	Not recommended	OK	NO	OK	NO
EDGE 1 or 2 via GSP custom USB-to-Parallel cable	OK	Not recommended	OK	Not recommended	OK	OK	*Must send job as SPL file	*Must send job as SPL file
EDGE FX (Ethernet only)	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
Plotters via serial port	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
Plotters via Gerber USB to Serial Cable	OK	Not recommended	OK	Not recommended	OK	OK	OK	OK
Plotters via Off the shelf USB to Serial Cables	GSP USB to Serial Cable recommended	Not recommended	GSP USB to Serial Cable recommended	Not recommended	GSP USB to Serial Cable recommended	GSP USB to Serial Cable recommended	GSP USB to Serial Cable recommended	GSP USB to Serial Cable recommended

* If using Windows 8 with the GERBER USB to Parallel Cable with an EDGE or EDGE 2, be sure to update to at least OMEGA 5.0 build 70.