Recommended Configuration
For the IGI Family of Software Products

For best performance, IGI recommends that the hardware and software configurations of your machine meet, or exceed, the following system specifications.

- Microsoft Windows 7, Windows 8, and Windows 10 Professional. Home editions are not supported.
- 64-bit operating system is strongly recommended for best performance.
- Intel® Core™ i7 or better is recommended.
- 16 gigabyte RAM for 64-bit OS, 4 gigabyte RAM for 32-bit OS.
- 2 gigabyte free disk space at all times. For large jobs, more free space is recommended.

Generally speed is affected by the following items. When purchasing new hardware, you may want to allocate spending accordingly.

- Bus speed
- Memory – both quantity and speed
- Processor
- Disk speed

There is a known issue with AMD graphics cards, running Desktop Manager, which can affect some IGI software dialogs. It is recommended that customers with AMD graphics cards, and the Catalyst Control Center turn off all Desktop Manager settings.

Note: With the release of v8.50, and higher, or PT v1.18 and higher, IGI no longer supports Windows XP Operating Systems. Unexpected problems and failures may occur with its use. Microsoft has completely ended support of XP in April 2014. See Microsoft official statement:
http://windows.microsoft.com/en-us/windows/end-support-help

Additional Considerations for Maximizing Performance

Significant performance enhancements may be realized for large data when using a 64-bit operating system.

Processor cache size can have a significant effect on processing times. Typically, the larger the cache size, the better.

Networks

Network performance will also affect IGI software when the …\pnl directory is shared over the network. The following recommendations outline some specific technical details for Optimum performance.

- General setup: homogenous Gigabit Ethernet setup, where all systems have a Gigabit network card and connect directly to a high-speed switch using cat5e or better wiring.
- The use of hubs is discouraged whenever possible. Hubs can severely degrade overall performance and their use in data intensive applications across the network is not recommended.
- High-speed switch: an auto-sensing Gigabit switch that has at least a switch fabric capacity of 48.0 Gbps and a minimum forwarding rate of 35 Mbps.
- Data Location Strategy: All systems moving large amounts of data should all be on the same side of a gateway.

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