



## Choosing the Right PC for the Job

The table below lists the supported operating systems for Prospector:

Operating System	32-bit	64-bit	Revision Level
Windows 7	✓	✓	All
Windows Server 2008	✓	✓	All
Windows Vista	✓	✓	All
Windows XP	✓	✓	All

### 2D NC Programming

Prospector will be used almost exclusively for 2D milling and drilling.

**Minimum System Requirements:**

- **Processor:** Intel Pentium 4 or higher
- **Memory:** 512 Mb.

**Recommended System Requirements:**

- **Processor:** Dual Core Intel or AMD equivalent processor
- **Memory:** 1 Gb.
- **Video Card:** 128 Mb. OpenGL-compatible

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### Single Session 3D NC Programming

Prospector will be used to create 3D programs. You anticipate having just one session of Prospector running at a time.

**Minimum System Requirements:**

- **Processor:** Intel Pentium 4 or AMD equivalent processor
- **Memory:** 1 Gb.

**Recommended System Requirements:**

- **Processor:** Dual Core Intel or AMD equivalent processor
  - **Memory:** 2 Gb.
  - **Video Card:** 256 Mb. OpenGL-compatible
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## Multi-Session 3D NC Programming

Prospector will be used to create 3D programs for more than one job at once (i.e. you are programming for 2 or more machines). While programs are generating in one session of Prospector, you require good performance from the system to program in another session.

### **Minimum System Requirements:**

- **Processor:** Quad Core Intel or AMD equivalent processor
- **Memory:** 2 Gb.

### **Recommended System Requirements:**

- **Processor:** Quad Core Intel or AMD equivalent processor
  - **Memory:** 4 Gb.
  - **Video Card:** 512 Mb. OpenGL-compatible
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### **Considerations when upgrading:**

- **Additional memory.** Adding more memory to a workstation can have an appreciable affect on overall performance of the software. This is particularly true if you typically work on large data sets.
- **Multi-Core Processor.** Prospector is a multi-threaded application. This means that compute intensive operations are executed concurrently across all available logical cores.

### **Other goodies...**

A wheel style mouse has the advantage of letting you zoom in and out using the mouse wheel.

Prospector supports unique input devices from 3dconnexion. With these innovative products you can intuitively zoom, pan and rotate models, exploring and navigating your designs as naturally as if they were objects in the real world. To learn more, visit them on the web at: [www.3dconnexion.com](http://www.3dconnexion.com)

A NEMA-12 enclosure is recommended for the shop floor environment to protect your hardware. Be sure the unit you choose has adequate cooling capabilities to prevent the computer from overheating.

**If you have any questions, please call:  
800-280-0240**