



Specifications are subject to change without notice.

It is important to note that the hardware requirements are more dependent on the operating system than on WinFrog. The exception to this is if WinFrog is to be used with the Multibeam module. The following provides the minimum and recommended hardware requirements for WinFrog.

Supported Operating Systems:

- Windows XP Pro (32 bit) w/ Service Pack 2
- Windows Vista Business 32 bit
- Windows 7 32 bit
- Windows 7 64 bit

Minimum Specifications

- Processor: Intel Pentium 4, 1 GHz, 32bit processor, or equivalent
- Motherboard: Ensure sufficient ISA/PCI slots and USB ports for application
- Ethernet Adapter: 10/100 Ethernet LAN
- Power supply: 350 watt power supply, switchable for 110 VAC 60Hz and 220/240 VAC 50 Hz
- Memory: 1GB RAM
- Hard Drive: 80 GB SATA
- Video Card: Video card with 128 MB video RAM (dual or quad video cards as required)
- Drives: DVD/CD
- Serial Ports: Additional serial ports as required using internal or external serial expansion options (WinFrog will work with any serial expansion option that is compatible with the Windows operating system.)
- Monitors: 17" LCD Flat panel

Recommended Specifications

- Processor: 2 GHz or higher
- Motherboard: Ensure sufficient ISA/PCI slots and USB ports for application
- Ethernet Adapter: 10/100/1000 Ethernet LAN
- Power supply: 750 watt continuous power supply with auto-switching for 110 VAC 60Hz and 220/240 VAC 50 Hz
- Memory: 2GB DDR2 RAM
- Hard Drive: 250 GB SATA
- Video Card: Dual video card with 256 MB video onboard RAM
- Drives: DVD-RW
- Serial Ports: Additional serial ports as required using internal or external serial expansion options (WinFrog will work with any serial expansion option that is compatible with the Windows operating system.)
- Monitors: 2 x 19" LCD Flat panel



Minimum Specifications for Multibeam Module Operation

- Processor: Intel Core2 Duo Processor or greater
- Motherboard: Ensure sufficient ISA/PCI slots and USB ports for application
- Ethernet Adapter: Multiple 100MB Ethernet LAN cards, one for each Ethernet based device plus one for local network connectivity.
- Power supply: 750 watt continuous power supply with auto-switching for 110 VAC 60Hz and 220/240 VAC 50 Hz
- Memory: 2GB DDR2 RAM
- Hard Drive: 200 GB SATA
- Video Card: Dual Video card with 512MB video RAM
- Drives: DVD/CD
- Serial Ports: Additional serial ports as required using internal or external serial expansion options (WinFrog will work with any serial expansion option that is compatible with the Windows operating system.)
- Monitors: 2 x 19" LCD Flat panel

Additional Optional Hardware

- Ethernet switch
- UPS
- Serial Port Expansion Options

Notes:

- If using anti-virus software, this should be configured to ignore WinFrog files, including *.dat, *.src, *.rcv, *.log, *.raw, *.pts and *.wpt.
- It has been reported by Microsoft and Intel that for systems using a processor with SpeedStep or similar technology, it is possible that the high performance timing counter available in Windows, and used in WinFrog, may display erratic behaviour. This causes timing and vehicle speed problems making WinFrog unusable. This has apparently been addressed in Windows XP service pack 2.
- It has also been reported by Microsoft that using an x64-based version of Windows with AMD Cool'n'Quiet enabled in the BIOS can cause the high performance timer to perform incorrectly. A fix for this can be found on the Microsoft website at <http://support.microsoft.com/default.aspx?scid=kb;en-us;895980>.