



# IRLP Hardware Requirements

The following is a list of **minimum** hardware requirements to host an IRLP node.

*I R L P - Keeping the Radio in Amateur Radio*

**PC Spec's Updated November, 2012**

## COMPUTER

- A dedicated IBM compatible computer, Pentium III class (*Intel, AMD etc*), running a processor clocked at at least **500 MHz**
- At least **NEW 512 MB** of RAM
- A dedicated hard drive of at least **5 GB**
- Basic (legacy) parallel port running LPT1 (or HEX 0x378/9 for the techies)
- Soundcard - most PCI cards work as do many motherboard based Chipsets. ISA sound cards are no longer supported by the latest versions of the CentOS Linux Operating System.
- Ethernet Adapter (Network Card) connected to the Internet

## OPERATING SYSTEM

- IRLP now ships with Debian an open source Linux project. The custom version we provide is very small, only ~500 megabytes on the CD which installs to about 1 GB.

*Help with CD and over-the-net installs can be provided*

## RF HARDWARE

- Link radio or repeater (the radio must have a COS {carrier operated squelch} signal)

***If the link radio is to be connected directly to the input/output frequencies of a repeater, the repeater **MUST** not have any hang time or courtesy tone. This can easily be accomplished using CTCSS on the repeater transmitter that follows the COS of the receiver.***

## OTHER HARDWARE

- IRLP interface board
- Miscellaneous cables and connectors

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