

## My Linux Workstation

This is an attempt to describe my main computing platform, what it is, what it does, and last not least: how it does what it does!

The HW platform is a Homebrew machine built around an ASUS P5P41D MotherBoard equipped with an Intel Q6600 Quad 2.4GHz CPU; 4GB RAM; nVidia 7950GT/512MB Graphics Card; 2 x 500GB Western Digital SATA HD.



[Ubuntu Linux](#) is an independent distribution, built on top of [Debian](#), but with some "religious" limitations which can be overcome by hard work :-).

Almost all add-on SW packages were click and install packages from the Built-In "Ubuntu Software Center" (offering 32442 packages currently!).

All SW mentioned not marked '(Licen\$ed)' is Free!

A 'Std.' in the remarks section below indicates that this is a standard function or application, included in the OS distribution.

Function	Program/Ver.	Remarks/HW
Operating System	<a href="#">Ubuntu 10.04LTS</a>	"Lucid Lynx" 32-bit!
Internet browsing	<a href="#">Firefox 3.6</a> <a href="#">Google Chrome 5.x beta</a>	Std.
email	<a href="#">Evolution 2.28.3</a>	Std.
Office Package	<a href="#">OpenOffice 3.2</a>	Std. .doc .docx .xls .ppt compatible!
Web page editing	<a href="#">KompoZer 0.8b1</a>	WYSIWYG Editor, similar to "MS FrontPage"
Text editing	gedit	Std. (NotePad!)

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File & Print Server	<a href="#">Samba</a> 3.0	Std. NB: Difficult to set up for the average user
TV Viewing	<a href="#">TVtime</a>	<a href="#">Terratec Cinergy</a> 400TV PCI
PDF Viewer	<a href="#">DocumentViewer</a> 2.30 <a href="#">Adobe reader 9</a>	Std.
PDF Creation	Export-option	Std. in print and all OpenOffice programs
Back-Up	<a href="#">Acronis</a> 2010	Not for much longer – it still doesn't support Ext4! Other candidates being tested!
Virtual Machine	<a href="#">VirtualBox</a> 3.2	Mostly running WinXP (Licen\$ed) for the couple of Windows Apps I just have to run
DOS Emulator	<a href="#">dosemu</a> 1.4.0	I use it to run TacLog (which is a prehistoric, but excellent, DOS-based contest log-program for VHF and above)
Music Player DVD and Video Player	<a href="#">VLC</a> 1.0.6	Plays every Audio/Video format imaginable
CD/DVD Burning	<a href="#">NeroLinux4</a>	(Licen\$ed) Worth every penny! or built-in function.
BitTorrent client	<a href="#">Deluge</a> 1.2.2	
VOIP & chat	<a href="#">Skype</a> 2.1.0	
Photo Editing	<a href="#">Gimp</a> 2.6	
Drawing	<a href="#">OpenOffice</a> Draw 3.2	
Decode "Raw" Photos	<a href="#">dcraw</a> 8.39-1	
Gimp plugin for loading Raw photos	<a href="#">gimp-dcraw</a> 1.29	Plugin for Gimp
Import .jpg photos	<a href="#">DigiKam</a> 0.9.2-final	(can also do raw)
DVD "Back-Up"!	<a href="#">K9copy</a> 1.1.3	Similar to "DVDShrink"
Genealogy	<a href="#">Gramps</a> 3.2.0-1	
FTP filetransfer	<a href="#">FileZilla</a> 3.3.1	

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HAM Log Program	<a href="#">CQRlog</a> 0.9.3	
Digital radio communication	<a href="#">flDigi</a> 3.2xx <a href="#">WSJT</a> 7.04 <a href="#">WSPR</a> 2.0	
DX-Cluster	<a href="#">Xdx</a> 2.4.2	
Radio Interface	<a href="#">Hamlib</a> 1.2.9	Used by CQRlog, WSPR, flDigi, Xdx, grig
Remote Support	<a href="#">TeamViewer</a> 5.08Beta	Finally available cross platform!
News Reader	<a href="#">Pan Newsreader</a> 0.133	
Printing	-	<a href="#">Samsung CLX-2160N</a>
Scanning	<a href="#">Simple Scan</a> 1.0.2	<a href="#">Samsung CLX-2160N</a>
WEBCAM	(Cheese & Skype)	Microsoft Lifecam VX-5000

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