



## Guardian Angel Linux

### The Portable OS and Secure Work Environment.

Engineered to enhance and protect your digital life style!

#### At A Glance

**Guardian Angel Linux (G.A.L.)** is a portable full featured operating system with a complete set of applications, all in a small portable profile, enabling you to work safely and securely on virtually any computer!

#### What Is packed Inside G.A.L.?

- Office Suite
- Encryption Suite
  - Disk Encryption
  - Network Encryption
- Anonymous Network Tools
- Drawing & Diagramming Tools
- Anti-Virus Protection
- Web Suite
  - Browser
  - Email
  - Instant Messenger
  - Video-conferencing
  - Telephony
- Personal Organizer Suite
- Music Player
- Photo Viewing & Editing Tools

#### The G.A.L. Advantage

- Engineered for Protection
- Convenience
- Privacy and Anonymity Protection
- Compatibility
- Openness

#### What is G.A.L.?

**Guardian Angel Linux (G.A.L.)** is a portable full-featured operating system with a complete set of applications, including an office suite, drawing applications, personal organizer suite, web browser, email client, instant messaging client, calendar and scheduler, music player, anti-virus protection, VoIP clients, photo viewing and editing software, all in a small portable profile.

Since G.A.L. is designed to run from a USB flash device without the user installing any actual components on the PC, you don't have to lug around your laptop, you just plug in your G.A.L. Device, boot the PC, and you're off in your own, familiar and customized desktop environment. How convenient is that?

#### Why do you need G.A.L.?

##### You need G.A.L. if you:

1. Want complete Application, Internet, Collaborative, Creativity and Secure Communication Suites.
2. Want to be assured your files are encrypted and not viewable by prying eyes.
3. Want privacy and anonymity when you surf the Internet.
4. Do not want your Internet history or your Internet habits traced.
5. Need your files stored safely in a secure remote location.
6. Want all of this functionality on a portable device to be done automatically.

In today's world, Identity Theft, Government Domestic Spying and ISP monitoring, are very serious issues. When your data is freely accessible and sold to anyone who is willing to spend the money, Privacy is a REAL necessity. Anonymity is paramount to protect you from those who would steal your identity, misuse your personal data, your surfing habits, and your purchasing habits. In addition to criminal intentions, in the name, "law enforcement", "anti-terrorism", and similar excuses, your privacy is being exploited by many groups of people. DON'T STAND FOR IT!

Guardian Angel Linux



# Key Features

## What G.A.L. Provides You

### G.A.L.'s Engineered for Protection

#### Privacy Protection:

- Through Openness.
- Through Security.
- Through Shielding Technologies.
- Ubiquitous and transparent protective technologies.
- Encryption for Files, Emails, and Communication Connections.
- Through Data Integrity and File Erasure.
- Problem Notification, Updates and Notifications of Security fixes.
- Anti-Phishing and Anti-Tracking Technology.

#### Anonymity Protection:

- Through Anonymous Network Support.

#### Excellent portability and availability

- Allows you to have all your settings, your bookmarks, your documents, all your computing needs, Always available- no matter where you are.

#### Feel Secure

- No trace of history data is left on the host computer. Additionally, if you use a secure tunnel proxy, your ISP can't see where you've surfed either.
- In the event of the loss or theft of your USB flash drive, you can be assured that all your private data that was stored in the encrypted container is not going to be viewable by any prying eyes.
- Safely store your current encrypted containers safely on-line.
- Keep backups of your encrypted containers on-line.
- Secures communications.



G.A.L. Secures files, communications, and Internet Connectivity

## The G.A.L. Advantage

### Privacy & Anonymity Protection

- Encrypted Communication and Storage
- Privacy and Anonymity
- Anti-Scam, Anti-Virus, Anti-Tracking protection
- Shielding Technology

### Convenience

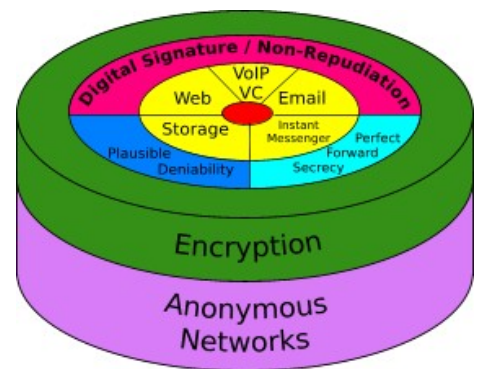
- Fast
- Flexible
- Modular
- Portable
- Easy To Use
- Upgradeable
- Tiny Physical Profile

### Compatibility

- Cross-Platform compatibility
- Cross-Platform file formats
- Runs on Multiple computer architectures
- Supports a broad base of hardware

### Openness

- Peer Reviewed
- Open to Proprietary Drivers
- Linux Based
- Open Source
- Open and Industry Standards Based



G.A.L.'s Layered and Integrated Architecture

\*Specifications are subject to change without notice.  
 GAL-Kit Drivers are provided within the G.A.L. distribution; Windows drivers shipped by the hardware manufacturer are NOT supported by S.S.I.  
 Linux is a trademark of Linux Torvalds; Tux is owned by Larry Ewing

# Technical Specifications

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## GAL Software\*



## GAL-Kit\*



### General Features

- Linux™ OS (Kernel 2.6.21.5)
- KDE 3.5.7 DeskTop
- Web Camera support
- Wired & Wireless Network support
- Bluetooth support
- Small, Portable, Fast
- Modular and Customizable
- Proprietary Drivers available

### Security Features

- Open Standards: GnuPG, SSL
- TrueCrypt Container & Partition Encryption
- OpenVPN, stunnel, S/WAN support
- Secure IM w/ Off-the-Record Plug-ins

### Internet / Email

- Firefox™ and Thunderbird™
- Strong Encryption support (SSL/PGP)
- IMAP/POP3
- Secure Web Browsing
- Anti-phishing & Ad Blocking Plugins
- Anonymous Surfing via Tor & I2P

### Videoconferencing, Telephony, & IM

- Teleconferencing using SIP & H.323 using Ekiga and Linphone.
- VoIP using SIP with Gizmo-project, Twinkle, Ekiga and Linphone.
- VoIP using SIP and proprietary protocols/clients with Skype™, Xten Softphone™
- Instant Messaging using AIM™, Yahoo™, MSN™, Jabber, IRC, ICQ, Myspace™ compatible protocols.

### 2 GB USB 2.0 Flash Drive

#### USB 2.0 Mini Wireless USB Adapter

- IEEE 802.11b/g
- WEP/WPA/AES/TKIP
- Operating distance of 300 meters in free space

#### USB 2.0 10/100 LAN RJ-45 Adapter

- Auto Negotiation
- Compliant with USB V2.0 & V1.1
- Half/Full Duplex support
- Full-Speed 12Mb/s USB Device

#### USB 2.0 Bluetooth 2.0

- Bluetooth V2.0 & V1.2 Compliant
- Compliant with USB V2.0 & V1.1
- Data transmission rate: 3 Mbps
- Working Distance: 20-100m

#### USB 2.0 Audio Adapter

- Speaker/headphone jack
- Microphone jack

#### Stereo Headset & Microphone

- Retractable Cables w/Ear-buds

#### USB 2.0 Color Web Cam w/6 LED's lights

- 352x288 Pixel
- Lens Focus: 20 cm to Infinity
- up to 30 fps clear view

#### USB 2.0 7-port Hub

- Compliant with USB V2.0 & V1.1
- Power Adapter included

#### Mini Carrying USB Case

- 5.25" x 3.75" x 1" 4 oz

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Guardian Angel Linux



Powered By:*	Featured Technologies:*	Protected By:*
aufs (a unionfs)	ALSA (Advanced Linux Sound Architecture)	bcrypt
ClamAV	Cairo, Pango, FontConfig , FreeType	cyrus-sasl
Common UNIX Printing System (CUPS)	Ekiga	EncFS
ffmpeg	EncFS	Enigmaail
Foomatic Print Engine	Enigmail	GPG
Free AAC Decoder (FAAD)	FUSE	GuardDog
Freeware Advanced Audio Coder (FAAC)	GnuPG	I2P
GhostScript	Gstreamer	Linux Unified Key Setup (LUKS)
Gstreamer	GuttenPrint	OpenSSL
gstreamer	KDE	Off-The-Record (OTR)
GTK+	Liphone	Privoxy
GuttenPrint	Linux Unified Key Setup (LUKS)	ssh
I2P	MetaLink	sshfs
ImageMagick	MoBlock	Tor
JACK	Mozilla Firefox	TrueCrypt
Kommando-Installer	Mozilla Sunbird	
Linux-Live	Mozilla Thunderbird	
mono	NDISWrappers	
NetWizard	Network-Integrated Multimedia Middleware	
Network-Integrated Multimedia Middleware	Off-The-Record (OTR)	
posixOVL	OpenOffice	
Privoxy	OpenSSL	
QT 3 and QT 4	OpenVPN	
Simple DirectMedia Layer (SDL)	Plugger	
Slackware	Python	
SLAX	SongBird	
squashfs	ssh	
squashfs lzma	sshfs	
Tor	The Gimp	
VideoLAN (vlc)	Truecrypt	
wxWdgets	VNC	
	Vorbis technologies	
	zfone	

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# Guardian Angel Linux Feature Comparison

Feature	Windows OS	Apple OS	Guardian Angel Linux
<b>Desktop OS</b>	XP Pro (\$199)	Family Edition (\$199)	G.A.L.(Free)
<b>Virus Protection</b>	Not Included	Not Included	ClamAV, VirusHammer <sup>4</sup>
<b>Site Blocker</b>	Not Included	Not Included	MoBlock
<b>Firewall</b>	Included	Included	GuardDog, Kmyfirewall, IPTables
<b>Multimedia Player</b>	Windows Media Player	QuickTime	Mplayer <sup>1</sup> , Xine, VLC <sup>1</sup> , mmm <sup>1</sup> , gstreamer
<b>Productivity</b>	MS Office	AppleWorks	OpenOffice <sup>1</sup> and Koffice
<b>Web Browser</b>	Internet Explorer	Safari	Firefox <sup>1</sup>
<b>Mail Client</b>	Outlook Express	Apple Mail	Thunderbird <sup>1</sup> , Enigmail <sup>1</sup>
<b>PDF Viewer &amp; Creator</b>	Not Included	Included	XPDF
<b>Compression Utility</b>	WinZip/Included	gzip	gzip, zip, p7zip (lzma)
<b>Instant Messenger</b>	MSN Messenger	iChat	Pidgin <sup>1,3</sup> , Kopete <sup>2</sup>
<b>Photo Retouching Application</b>	Not Included	iPhoto	The Gimp <sup>1</sup>
<b>Music Player</b>	Windows Media Player	iTunes (TM)	Kplayer, Mplayer, Juk, Amarok, Totem, Xine, Songbird <sup>1</sup>
<b>Sound Editor</b>	Not included	Not included	Audacity <sup>1</sup>
<b>Virtual Machine</b>	Not Included	Not Included	VMPlayer <sup>5</sup> , qemu <sup>1</sup>
<b>Vector based Drawing Program</b>	Not Included	Not Included	Inkscape <sup>1</sup>
<b>Calendaring Program</b>	Not Included	iCalendar	Sunbird <sup>1</sup>
<b>Web Development Suite</b>	Not Included	Not Included	Quanta, KompoZer <sup>1</sup>
<b>100's of free programs available by installer</b>	Not Included	Not Included	Included via Kommando-Installer
<b>Encryption</b>	Not Included	Not Included	PGP <sup>1</sup> , TrueCrypt <sup>3</sup> , bcrypt
<b>Secure IM, VoIP, File Containers, Teleconferencing</b>	Not Included	Not Included	Pidgin/OTR <sup>3</sup> , Kopete/OTR, zfone <sup>1</sup> , Skype <sup>1,5</sup> , x-lite <sup>1,5</sup> , Ekiga <sup>1</sup> , Linphone, Twinkle, kphone, sjphone <sup>1,5</sup> , GizmoProject <sup>1,5</sup>
<b>Anonymous Networks</b>	Not Included	Not Included	Tor, I2P, Tork, Vidalia
<b>Remote and Encrypted Storage</b>	Not Included	Not Included	sshfs, encfs, truecrypt <sup>3</sup>
<b>Downloader</b>	Not Included	Not Included	Retriever <sup>4</sup> , Phex <sup>4</sup> , aria2, Azureus <sup>4</sup>
<b>Price</b>	<b>\$527</b>	<b>\$219</b>	<b>Free</b>

<sup>1</sup> Cross Platform compatible with Windows and Macintosh.

<sup>2</sup> Instant Messenger is compatible with MSN Messenger, Yahoo IM, AIM, ICQ, Napster, and more.

<sup>3</sup> Windows Compatible.

<sup>4</sup> Java Applet.

<sup>5</sup> Free Commercial. Available via Kommando-Installer

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