

To Hold Freedom

Part 1

How much can you save ?



What do I need for my company?



Applications (License)



Literature (Information)



Hardware (PC)



Support

Operating System ?



Linux



MS Windows

Available Server applications and support



Linux



Microsoft Windows

Gateway/Firewall Servers

Products: iptables, iproute2, zebra, freeswan, etc.
Price: **0.00** EUR

Support Price(per hour): **50.00** EUR

Product: Microsoft ISA Server
Price: **~1,300.00** EUR

Support Price(per hour): **80.00-130.00** EUR

Mail Servers

Product: Qmail, Postfix, Exim, Sendmail, Zimbra
Price: **25** seat package **35.00**\$/user/year
50 or more starting **28.00**\$/user/year
 (Zimbra Professional Edition)
 Sendmail, Exim, Postfix, Qmail – **0.00**

Support Price(per hour): **50.00** EUR

Product: Microsoft Exchange Server
Price: **1,100.00** EUR with **5 Clients** included
 additional licenses **70.00** EUR per client

Support Price(per hour): **80.00-130.00** EUR

Available Server applications and support



Linux

Microsoft Windows

Web Servers

Product: Apache(market share 59%)
Price: **0.00** EUR

Support Price(per hour): **50.00** EUR

Product: Microsoft IIS(market share 31%)
Price: included in Microsoft Server Standard
~700.00 EUR
30.00 EUR per client connected

Support Price(per client): **80.00-130.00** EUR

Available Server applications and support



Linux

Microsoft Windows

File Sharing Directory Server

Product: Samba
Price: 0.00 EUR

Support Price(per hour): 50.00 EUR

Product: Windows Server Standard
Price: ~700.00 EUR (Single License)
30.00 EUR (per client)

Support Price(per hour): 80.00-130.00 EUR

Database Servers

Product: MySQL, PostgreSQL
Price: 0.00 EUR

Support Price(per hour): 50.00 EUR

Product: MSSQL
Price: ~1,000.00 EUR
(included 5 clients)

Support Price(per hour): 80.00-130.00 EUR

Let's check the hardware



Linux

There is no significant difference between **HP server** models supported from **Linux** and **Windows**.

Example HP Configuration(middle class)

HP ProLiant DL360 G5 Special Rack Server (470064-513)

Processor type: (1) Quad-Core Intel® Xeon® Processor E5345 (2.33 GHz, 1333MHz FSB, 8MB Level 2 cache, 80W)

Standard memory: 2 GB (2 x 1 GB) Standard; PC2-5300 Fully Buffered DIMMs (DDR2-667)

Storage: Storage type Hot plug SFF SAS Hot plug SFF SATA

Expansion slots: 2 total, 2 available

Storage controller: HP Smart Array P400i/256MB Controller (RAID 0/1/1+0/5)

Hard Drives installed: No drives included; (4) drive bays active. (6) bays supported with optional storage cable (PN 399546-B21)

Price: 1999\$

Microsoft Windows

Supported hardware by **DELL** is also feasible for both operating systems.

Example DELL Configuration(middle class)

PowerEdge™ 1950 III Energy Smart

Processor: Quad Core Intel® Xeon® L5410, 2x6MB Cache, 2.33GHz, 1333MHz FSB

Standard Memory: 2GB 667MHz (2x1GB), Dual Ranked DIMMs, Energy Smart

Storage: 73GB2 15K RPM Serial-Attach SCSI 3Gbps 2.5-in HotPlug Hard Drive

CD/DVD Drive: 24X IDE CD-ROM

Network Adapter: Dual Embedded Broadcom® NetXtreme II 5708 Gigabit Ethernet NIC

Drive Controllers Integrated SAS 6/R(base): 4 port SAS controller
Integrated PERC 6/i (optional): SAS 3.0 Gb/s RAID controller with 256MB of battery-backup

Price: 2237\$

Source of information and external documents used:



Linux

Debian Linux - <http://www.debian.org/>



MS Windows

Microsoft Windows- <http://www.microsoft.com>

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- Open Source Case Studies - Providing best practice examples from **European Public Administrations**
 - Cases of official recognition/adoption of F/OSS by **EU**
 - The acquisition of (open-source) software – by **Government of Netherlands**
 - The **Netherlands** in Open Connection. An action plan for the use of Open Standards and Open Source Software in the public and semi-public sector
 - Investeren in Openheid. Een analyse van TCO-onderzoeken betreffende open source software
 - Study on the: Economic impact of open source software on innovation and the competitiveness of the Information and Communication Technologies (ICT) sector in the **EU**
 - The First Year LiMUNIX in **Munich**
 - **EU** Documents and sites: <http://ec.europa.eu/>

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