

Hardware, software and other equipment for Leonardo project (January 2007)

Minimal requirements for technological (PC and video) equipment

Notebook (or PC):

- software for editing video
- processor: about 2,0 GHz (depends on PC or laptop),
suggestion: e.g. processor INTEL Core 2 Duo E6600 BOX 2,4GHz, 1066MHz, 4MB, LGA775
- minim. 1 GB RAM → with possibility of extension
- minim. 100 GB HD → good speed (SATA)
- dual core CPU
- minim. 3x USB 2.0
- Fire Wire
- microphone

Internet (ADSL) connection:

- minim. 1024kB/s, **better 2048 kB/s**, limit 15 GB or more (video means a lot of datas),
for videoconferencing we need 2048kB!!

Note: for good quality of videoconferencing you will need ADSL speed 20048kB!!

Web-camera:

- wide angle
- quality of shooting in bad light
- integrated microphone
- filtr of sound bonding (binding)
- SW for video-conferencing
- access for Skype

**Suggestion: GENIUS Genius IP Cam Secure 300
LOGITECH QuickCam Pro 5000; Logitech QuickCam Notebooks Pro**

External HD:

- possibility of scaling: connection to 2nd, 3rd....
- minim. 160 GB (better more)
- USB 2.0 (min 2x)
- transportable
- networking

Video camera:

- compatibility (PC, laptop, externalHD...)
- system depends on preferences of individual country and required skills of VIT practitioners

Accessories:

- USB flash memory 2.0) minim. 2GB
- SD (memory cards for HDV cameras)

- upgrade for SW, HW components
- video cassettes (be aware of prices(!)):

Data projector:

- very good contrast
- high brightness
- DLP mechanism
- portable (easy)
- possible: wifi, (or bluetooth for wireless transportation of presentations)
- price of lamp

DVD player/recorder/:

- player, when you have DVD camera,
- DVD recorder for saving videoclips and film materials
- DVD –R discs

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