

Computer-Name: MgControl

OS: Windows 10 Professional x86 (32 bit) - Needed for old NI-DAQ Legacy 7.5 Beta drivers (for the NI PCI cards)

Security questions:

Q: What was your first pet's name?

A: wutz

Q: What's the name of the city where you were born?

A: hannover

Q: What's the first name of your oldest cousin?

A: ernst

Fresh installation (Win10 x86 Professional)

Install drivers (D:\Install\Driver\GIGABYTE GA-H170-D3HP)

- RapidStorage(v15.9.8.1051) from the file SetupRST.exe or intel website (Don't use old incompatible driver from Gigabyte website)
- Realtek
- VGA(v21.20.16.4541)

Activate Windows (Run in cmd.exe with admin rights) - Make sure, the current date is correct

- (slmgr -ipk W269N-WFGWX-YVC9B-4J6C9-T83GX)
- slmgr -skms kms.rrzn.uni-hannover.de:1688
- slmgr -ato

Disable automatic updates (Just "show new updates but dont download/install")

Disable Standby & HardDisk Shutdown

Disable User Account Control (UAC)

Manually set Pagefile to 8096 MB on C:\

Disable hibernate (anyway useless on SSD, eats space and may wear SSD) (Run in cmd.exe with admin rights)

- powercfg -h off

Stop C:\Windows\Installer folder to grow beyond good and evil (Run in cmd.exe with admin rights)

- reg add HKLM\Software\Policies\Microsoft\Windows\Installer /v MaxPatchCacheSize /t REG_DWORD /d 0 /f

Limit Recyclebin to 1 GB

Rename Windows-Partition to "System"

Disable useless services (services.msc in command-prompt)

- Superfetch
- Windows Defender
- Windows Search

Move User Folders (Right-click, Location, Move)

- C:\Users\MgControl\Desktop → D:\System\Users\MgControl\Desktop
- C:\Users\MgControl\Downloads → D:\Downloads
- C:\Users\MgControl\My Documents → D:\System\Users\MgControl\My Documents
- C:\Users\MgControl\My Music → D:\System\Users\MgControl\My Music
- C:\Users\MgControl\My Pictures → D:\System\Users\MgControl\My Pictures
- C:\Users\MgControl\My Videos → D:\System\Users\MgControl\My Videos
- C:\Users\MgControl\Saved Games → D:\System\Users\MgControl\Saved Games

Install all latest Windows Updates

CCleaner

FOxitReader/Adobe reader

Ditto

Notepad++

Launchy

Install AFS

- KFW 3.2.2
- OpenAFS 1.7.1400

Openoffice/Libre office

Mathematica

HardLinkShellExt

- Link D:\Daten\Labview to C:\Daten via Symbolic Link

Sophos

- RRZN Website... (http://www.rrzn.uni-hannover.de/sophos_download.html)
- Install: savw_97_sa_sfx.exe (Sophos EndPoint Offsite installer)
 - AutoUpdateURL:
<http://sophosupd2.rrzn.uni-hannover.de/SophosUpdate/CIDs/S002/SAVSCFXP/>
 - Username: savupd1101
 - Password: uK7md3Pt

Backup with Minitool shadow maker free

Install Git and TortoiseGit

- Use your institute email and kerberos login credentials the first time it asks for such login details
- For more information on how to commit and push files, follow D:\Daten\Readme SVN GIT.txt

CrystalDiskInfo and add to SysTray (for SMART warnings etc)

TightVNC

- Client & Server
- Server:

- Login-PW: ramsey
- Admin-Password: ramsey
- Server: Uncheck "Accept incoming connections" (not yet using VNC)

Disable Auto-Defrag (so the SSD doesn't wear that fast)

Labview 2012 Fall (from <http://labview@softdis.uni-hannover.de/>, password: Ee2Di7)

- NI-Account (if asked):
 - User: zipfel@iqo.uni-hannover.de
 - Password: magnesium24
- LabView Core
 - LabView 2012 (already selected)
 - Signal Express (has to be selected)
- Install NI-DAQ (Legacy) 7.5 Beta drivers ("At NI Website. Google for Windows 7 NI-DAQ beta" or search harddisk for "TDAQ750". OR at "D:\Install\Driver\Nation Instruments\NI-DAQ 7.5 (Legacy)\TDAQ750")

Be CAREFUL with the next step

- Install Device Driver (Feb. 2012) (Download from NI website or use "D:\Install\Driver\Nation Instruments\Device driver Feb 2012\DCD-Feb12-1")
 - Uncheck "Modular Instruments" completely so you can also uncheck NI-DAQmx completely (Not doing this will render the NI-DAQ Legacy driver useless)
 - Additionally to default selection, select:
 - Timing & Sync (everything)
 - Reconfigurable I/O
 - Distributed I/O
- Now open Measurement & Automation from Labview
 - Devices and Interfaces/Traditional NI-DAQ(Legacy) devices
 - Change Device IDs:
 - PCI-6602 (8-channel Counter/Timer with Digital I/O): Gerät 3
 - PCI-6713 (12bit Analog) : Gerät 1
 - PCI-DIO-32HS (Digital IO): Gerät 2
 - Set correct Accessory for the Devices in MAX (Properties/Accessory)
 - PCI-6713: BNC-2110
 - PCI-6602: BNC-2121
 - PCI-DIO-32HS: SCB-68

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Share for D-Drive (Read only)

Share for D:\Public (Read + Write)

Time Watch

- ptbtime1.ptb.de

- time1.rrzn.uni-hannover.de

TightVNC DFMirage Driver

Install Puresync and configure the correct folders to be backed up to AFS

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<https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:private:atoms:pcsetup:start>

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