

Main

<code>watch -n [sec] [statement]</code>	Prints the output of statement every sec seconds
<code>nano [file]</code>	Edits file
<code>touch [file]</code>	Creates empty file
<code>lsmod</code>	Lists all loaded modules
<code>modinfo [module]</code>	Load infos of module
<code>dmesg</code>	Kernel-Log
<code>free</code>	Lists RAM usage
<code>htop</code>	Starts process manager
<code>uptime</code>	Runtime, system load
<code>uname -a</code>	print OS version
<code>top</code>	Actual system load (like htop)
<code>lscpu</code>	Lists CPU information
<code>lsblk</code>	Lists all block devices
<code>lsusb</code>	Lists all USB devices

File System Operations

<code>df -h</code>	Show disk space
<code>df -i</code>	Show free inodes

Package Managing (sudo apt-get ...)

<code>update</code>	Sync sources
<code>upgrade</code>	Execute updates
<code>dist-upgrade</code>	Execute updates with enhanced package conflict management
<code>install [package]</code>	Installs package
<code>install --reinstall [package]</code>	Reinstalls package
<code>remove [package]</code>	Uninstalls package (excl. configs)
<code>purge [package]</code>	Uninstalls package (incl. configs)
<code>check</code>	Checks consistency
<code>clean</code>	Removes local package-sources
<code>autoremove</code>	Removes unused packages

Execute all with `sudo apt-get ...`

Network operations

<code>scp [file] [user]@[host]: [destination]</code>	Copying files or folders via SSH (-r for recursive)
<code>ip addr</code>	Lists all local IP addresses

File operations

<code>find [path] -name [file]</code>	Search for filename in path
<code>less [file]</code>	Shows content of file
<code>tail -n [N] [file]</code>	Outputs the last N lines of file

Configuration (/boot/config.ini)

<code>ld_rotate =2</code>	Rotate Rpi LCD Display
<code>dtdebug=on</code>	Write debug log (sudo vcdbg log msg)

Security

Change default password with `passwd`.
 Change SSH default port in `/etc/ssh/sshd_config`
`sudo apt-get install fail2ban`
 Configure fail2ban (`/etc/fail2ban/jail.conf`):
`ignoreip = 127.0.0.1 # local IP`
`bantime = 3600 # ban time in s`
`maxretry = 5 # ban after 5 retries`



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