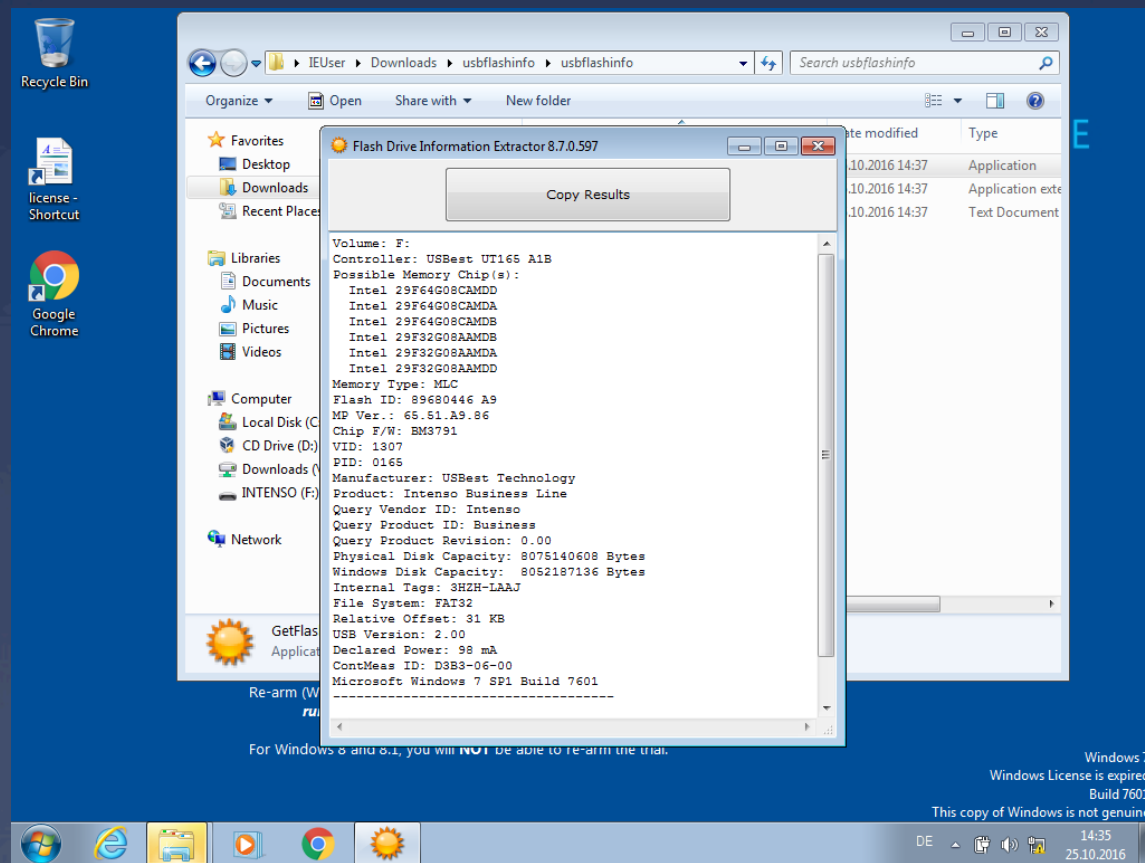


Bad USB

6. Security
Meetup Kassel

Bad USB

- * <https://srlabs.de/wp-content/uploads/2014/07/SRLabs-BadUSB-BlackHat-v1.pdf>
- * <https://github.com/daveti/badusb/blob/master/ppt/SRLabs-BadUSB-Pacsec-v2.pdf>
- * <https://github.com/brandonlw/Psychson>
- * <https://opensource.srlabs.de/projects/badusb>
- * <http://null-byte.wonderhowto.com/how-to/make-your-own-bad-usb-0165419/>
- * <https://www.pjrc.com/teensy/>



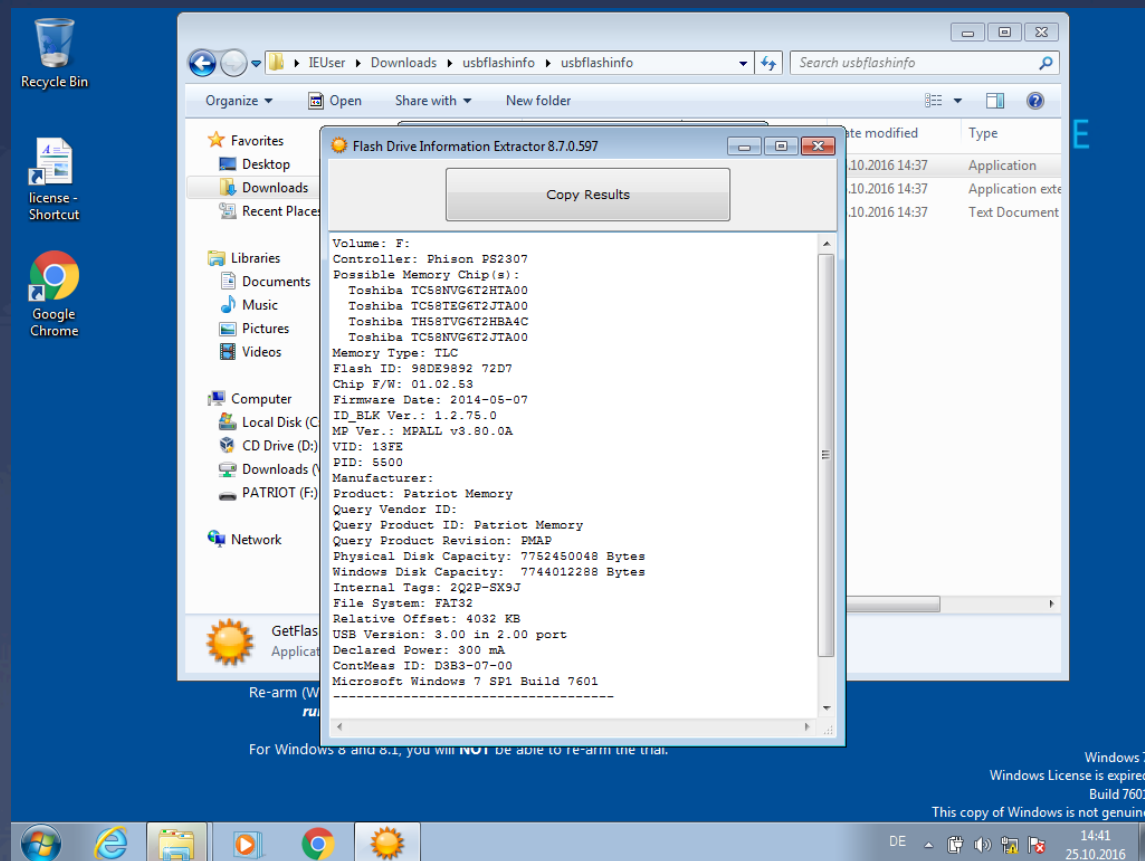
Volume: F:
Controller: USBest UT165 A1B
Possible Memory Chip(s):
Intel 29F64G08CAMDD
Intel 29F64G08CAMDA
Intel 29F64G08CAMDB
Intel 29F32G08AAMDB
Intel 29F32G08AAMDA
Intel 29F32G08AAMDD
Memory Type: MLC
Flash ID: 89680446 A9
MP Ver.: 65.51.A9.86
Chip F/W: BM3791
VID: 1307
PID: 0165
Manufacturer: USBest Technology
Product: Intenso Business Line
Query Vendor ID: Intenso
Query Product ID: Business
Query Product Revision: 0.00
Physical Disk Capacity: 8076140608 Bytes
Windows Disk Capacity: 8062187136 Bytes
Internal Tags: 3HZH-LAAJ
File System: FAT32
Relative Offset: 31 KB
USB Version: 2.00
Declared Power: 99 mA
ContMeas ID: D3B3-06-00
Microsoft Windows 7 SP1 Build 7601

| Date modified | Type |
|---------------|------------------|
| 10.2016 14:37 | Application |
| 10.2016 14:37 | Application exte |
| 10.2016 14:37 | Text Document |

For Windows 8 and 8.1, you will NOT be able to re-arm the trial.

Windows 7
Windows License is expired
Build 7601
This copy of Windows is not genuine

DE 14:35
25.10.2016



Rubber Ducky

- * <https://ducktoolkit.com/>
- * <https://github.com/hak5darren/USB-Rubber-Ducky/wiki>
- * Powershell Empire Rubber Ducky Modul
- * https://www.powershellempire.com/?page_id=104
- * Community Payload Generators, Firmware, Encoder und Toolkits
- * <http://hakshop.myshopify.com/products/usb-rubber-ducky-deluxe>

Duckuino

- * <https://d4n5h.github.io/Duckuino/>
- * <https://github.com/d4n5h/Duckuino>

Encoder / Decoder

- * Jar entpacken und Decompiler verwenden
- * Encoder kann RTF und normalen Text
- * keyboard.properties liegt Char To Hex
- * Encoder#encodeToFile

Firmware

- * <https://github.com/hak5darren/USB-Rubber-Ducky/wiki/Flashing-ducky>
- * <https://forums.hak5.org/index.php?/topic/28824-faq-frequently-asked-questions/>

Firmware bearbeiten

- * USB-Rubber-Ducky/Firmware

VID / PID

- * system_profiler SPUSBDataType
- * Product ID / Vendor ID
- * VID PID Swapper

Teensy

- * <https://www.pjrc.com/teensy/>

- * Powershell Empire Payload

Schutz

Hardware:

- * <http://www.ironkey.com/en-US/solutions/protect-against-badusb.html>
- * <http://int3.cc/products/usbcondoms>

Software:

- * Keine neuen HIDs erlauben:
<http://security.stackexchange.com/questions/64524/how-to-prevent-badusb-attacks-on-linux-desktop>
- * Blacklisting VID/PID (Black Hat: Blacklistanalyse verkaufter Software)
<http://security.stackexchange.com/questions/92131/hardware-devices-for-protecting-against-badusb>
<https://www.gdata.de/de-usb-keyboard-guard>
- * Scannen der USB-Firmware (Black Hat: Spoofen entsprechender Firmware)

Schutz

Organisatorisch

- * USB-Sticks nicht als Übertragungsmedium verwenden
- * Bildschirm sperren
- * Rechner soweit möglich niemanden anderem zugänglich machen