

## BIOS Editing Syllabus

BASIC	ADVANCED	DECRYPT & UNLOCKING
<ul style="list-style-type: none"> <li>➤ About BIOS</li> <li>➤ Size Calculation</li> <li>➤ About Hex Workshop, HxD Hex Editor, and UEFI Tool.</li> <li>➤ Extract, and Replace Easy Tool.</li> <li>➤ Service Tag Finding Tricks.</li> <li>➤ Extract .EXE to .BIN Tricks.</li> <li>➤ Compatible BIOS Chips for BIOS File.</li> </ul>	<ul style="list-style-type: none"> <li>➤ ME Clean               <ul style="list-style-type: none"> <li>✚ Using FITC</li> <li>✚ Manually (Till 19)</li> </ul> </li> <li>➤ CSTXE 4 Clean</li> <li>➤ CSME Clean up to 12<sup>th</sup> generation.</li> <li>➤ Extract EC, and BIOS.</li> <li>➤ NVME M.2 SSD Detection Problem Fix.</li> <li>➤ Dell MPM Unlock</li> <li>➤ HP MPM Lock</li> <li>➤ RSA Signature Inject</li> <li>➤ HP DMI Problem Fix tools and Tricks</li> <li>➤ Dell issues fixed               <ul style="list-style-type: none"> <li>✚ ST_Fixed</li> <li>✚ Logo Hang Fixed</li> <li>✚ TPM (1.0 &amp; 2.0) Fix</li> </ul> </li> <li>➤ ThinkPad DMI issue fixed</li> <li>➤ HP issues fixed               <ul style="list-style-type: none"> <li>✚ End Point Security</li> <li>✚ DMI (MPM) issue</li> <li>✚ Touch Screen not working</li> </ul> </li> <li>➤ Onboard RAM Disabling.               <ul style="list-style-type: none"> <li>✚ DDR3</li> <li>✚ DDR4</li> </ul> </li> <li>➤ Optional – Discrete to UMA through BIOS Editing.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Dell               <ul style="list-style-type: none"> <li>✚ Unlock up to 12<sup>th</sup> generation.</li> <li>✚ E7A8   0001 Unlock</li> <li>✚ 8FC8 Unlocking                   <ol style="list-style-type: none"> <li>1. Normal FCFD Unlocking</li> <li>2. Alienware, Precision Unlocking</li> <li>3. Latest Dell Unlocking</li> </ol> </li> </ul> </li> <li>➤ Lenovo Unlock               <ul style="list-style-type: none"> <li>✚ Lenovo Auto Patcher</li> <li>✚ Lenovo EC 1KB   128KB   256KB Password Removal Guide</li> <li>✚ ThinkPad Unlock</li> </ul> </li> <li>➤ HP               <ul style="list-style-type: none"> <li>✚ BIOS Password Unlock using USB Pen drive.</li> <li>✚ HP i code password decrypting Manual.</li> <li>✚ HP G1, G2, G3, G4, G5,G6,G7,G8 Unlock</li> <li>✚ HP G9, G10 Unlock</li> <li>✚ HP 11<sup>th</sup> generation 32 MB Unlock.</li> </ul> </li> <li>➤ AMITSESetup Decrypt &amp; Unlocking               <ul style="list-style-type: none"> <li>✚ ASUS BIOS (Boot Password, Admin Password) Decryption &amp; unlocking.</li> <li>✚ Microsoft Surface BIOS (Boot Password, Admin Password) Decryption &amp; unlocking</li> <li>✚ Panasonic, and some other standard AMI implementation BIOS (Boot Password, Admin Password) Decryption &amp; unlocking</li> </ul> </li> <li>➤ Microsoft Surface unlocking including Microsoft Surface Pro 4/5/6/7/8/9/10.               <ul style="list-style-type: none"> <li>✚ Unlock</li> <li>✚ Absolute Computrance Disable</li> </ul> </li> <li>➤ Chrome Book Unlock               <ul style="list-style-type: none"> <li>✚ Deactivate devmode.</li> <li>✚ Deactivate enrollment.</li> <li>✚ Deactivate first_active_omaha_ping_sent.</li> <li>✚ Fix stable_device_secret.</li> </ul> </li> <li>➤ Master Password Generator tool</li> <li>➤ Apple/MAC Unlock               <ul style="list-style-type: none"> <li>✚ Apple Macbook Unlock 2011 or Older</li> <li>✚ Clear SVS – EFI Password (2012-2017)</li> <li>✚ Serial Number editing.</li> <li>✚ CRC-32 invalid problem Fix.</li> </ul> </li> <li>➤ Optional – Lenovo Wireless Card Unlocking.</li> </ul>

## 1. BASIC

- About BIOS
- Size Calculation
- About Hex Workshop, HxD Hex Editor, UEFI Tool.
- Extract, and Replace easy tool
- Service Tag Finding Tricks
- Extract .EXE to .BIN Tricks
  - Dell
    - Normal to advance extraction techniques
    - AFUDELL File extraction Process
  - HP
  - Lenovo
  - Acer
  - MSI
  - ASROCK
  - Gigabyte
- Compatible BIOS Chip for BIOS File.

## 2. ADVANCED

- ME Clean
  - Manual
  - Using tool
- CSTXE 4 Clean
- CSME Clean up to 12<sup>th</sup> generation
- Extract EC, and BIOS.
- Dell issues
  - ST\_Fixed
  - Logo Hang/Freeze Fixed
  - TPM (1.0 & 2.0) Fixed
- NVME M.2 SSD detection Problem Fix
- Dell MPM Unlock
- HP MPM Unlock
- RSA Signature
  - About RSA Signature A-Z
  - RSA Signature inject
- HP DMI Problem Fix tools and Tricks
- Onboard RAM Disabling
  - DDR3L
  - DDR3
  - DDR4
- Optional: Discrete to UMA through BIOS editing.

### 3. DECRYPT & UNLOCKING

- DELL
  - Unlock up to 12<sup>th</sup> generation.
  - Prefix 8FC8 | E7A8 | 0001 unlock along with Alienware, and Precision.
    - 8FC8 – Manually, FDFC unlock
    - 8FC8 – Manually, Master unlock method which has capability to unlock Alien ware, and Precision.
    - 8FC8 – Latest Dell Unlocking
- Lenovo Unlock
  - Lenovo Auto Patcher.
  - Lenovo EC 1KB Password Remove Guide
  - Lenovo EC 128KB Password Remove Guide
  - Lenovo EC 256KB Password Remove Guide (NUVOTON NPCE288/388).
- HP Unlock
  - BIOS Password unlocks using USB Pen drive.
  - HP i code password decrypting Manual.
  - HP G6/G7/G8/G9 unlocks.
  - HP 11<sup>th</sup> generation 32MB unlock.
- AMITSESetup Decrypt & Unlocking
  - ASUS BIOS (Boot Password, Admin Password) Decryption & unlocking.
  - Microsoft Surface BIOS (Boot Password, Admin Password) Decryption & unlocking.
  - Panasonic, and some other standard AMI implementation BIOS (Boot Password, Admin Password) Decryption & unlocking.
- Microsoft Surface Unlocking
  - Microsoft Surface Pro 1/2/3 – AMITSESetup Method unlocking
  - Microsoft Surface Pro 4/5/6/7/8/9/10/11 – Can't Decrypt so, We Perform Unlocking.
    - Unlock
    - Absolute Computrance Disable
- Chrome book Unlocking
  - Deactivate devmode.
  - Deactivate enrollment.
  - Deactivate first\_active\_omaha\_ping\_sent.
  - Fix stable\_device\_secret.

- Master Password Generator Tool
  - Dell Prefix: 595B / D35B / 2A7B / A95B / 1D3B / 1F66 / 6FF1 / 1F5A / BF97 / E7A8 / 7QH8602
  - Samsung unlock 12/16/18/44 hexadecimal digits.
  - Sony unlock etc.
- Apple/MAC Unlock
  - Clear SVS – EFI Password (2012-2017)
  - Serial Number editing.
  - CRC-32 Invalid problem Fix.
- Optional: Lenovo Wireless Card Unlocking