# eBios



Руководство пользователя



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## 1.Введение

eBios это приложение для сбора и редактирования информации о настройках параметров BIOS(UEFI) удаленно и локально (средствами Microsoft SCCM) из среды операционных систем Windows и Linux, без непосредственного входа в BIOS. Для использования приложения на удаленном компьютере, необходимо установить удаленное подключение к данному компьютеру, установить на нем приложение eBios и выполнить в нем необходимые операции. Это позволяет администраторам работать с BIOS на компьютерах, физический доступ к которым невозможен.





## 2.Установка

Для установки приложения в Windows необходимо выполнить следующие шаги:

- 1. Запустите файл eBios\_Setup.exe;
- 2. В открывшемся окне выберите путь установки приложения, нажав кнопку "Browse" или оставьте путь по умолчанию;

| Setup - eBios H610DA V41 version 1.1.0                                     | _          |      | ×     |
|--|------------|------|-------|
| Select Destination Location<br>Where should eBios H610DA V41 be installed? |            |      | (III) |
| Setup will install eBios H610DA V41 into the following folder.             |            |      |       |
| To continue, click Next. If you would like to select a different folder, o | lick Bro   | wse. |       |
| C:\Program Files\IntechPro\eBios   | B <u>r</u> | owse |       |
|  |            |      |       |
|  |            |      |       |
| At least 101,6 MB of free disk space is required.                          |            |      |       |
| Nex  | t          | Ca   | ncel  |

- 3. Нажмите "Next" для продолжения установки или "Cancel" для отмены установки;
- 4. В следующем окне Вы можете определить необходимость создания дополнительных ярлыков приложения, убрав или установив флажки в соотвествующих чекбоксах;

| Setup - eBios H610DA V41 version 1.1.0  | _                  |      | ×   |
|---|--------------------|------|-----|
| Select Additional Tasks<br>Which additional tasks should be performed?                        |                    |      |     |
| Select the additional tasks you would like Setup to perform w<br>H610DA V41, then click Next. | hile installing eE | Bios |     |
| Additional shortcuts:   |                    |      |     |
| Create a desktop shortcut   |                    |      |     |
| ✓ Create a Quick Launch shortcut  |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
|   |                    |      |     |
| Back  | <u>N</u> ext       | Cano | :el |



- 5. Нажмите "Next" для продолжения установки, "Back" для возврата к предыдущему шагу установки или "Cancel" для отмены установки;
- 6. Следующее окно отображает выбранные на предыдущих шагах опции. Нажмите "Install" для продолжения установки, "Back" для возврата к предыдущему шагу установки или "Cancel" для отмены установки;

| Setup - eBios H610DA V41 version 1.1.0   | _            |      | ×    |
|--|--------------|------|------|
| Ready to Install<br>Setup is now ready to begin installing eBios H610DA V41 on your o  | computer.    | (    |      |
| Click Install to continue with the installation, or click Back if you wa<br>change any settings.   | ant to revie | w or |      |
| Destination location:<br>C:\Program Files\IntechPro\eBios<br>Additional tasks:<br>Additional shortcuts:<br>Create a desktop shortcut<br>Create a Quick Launch shortcut |              | ~    |      |
| Back   | nstall       | Car  | ncel |

#### 7. Дождитесь завершения установки;

| Setup - eBios H610DA V41 version 1.1.0  | _ |     | ×    |
|---|---|-----|------|
| Installing<br>Please wait while Setup installs eBios H610DA V41 on your computer. |   | (   |      |
| Extracting files<br>C:\Program Files\IntechPro\eBios\Qt5RemoteObjects.dll         |   |     |      |
|   |   |     |      |
|   |   |     |      |
|   |   |     |      |
|   |   |     |      |
|   |   | Can | icel |



8. Нажмите "Finish". Установка завершена. Вы можете запустить eBios.



Для установки приложения в Linux необходимо выполнить следующие шаги:

Предварительно, чтобы были установлены все зависимости, необходимо запустить терминал и выполнить в нем следующие команды:

1. cd /INSTALLER\_PATH/

- переход в папку с deb архивом eBios где /INSTALLER\_PATH/ - путь к папке с архивом (например, cd /home/test/temp/);

2.1 dpkg -i eBios.deb && sudo apt -f install

– установка приложения из deb архива, если у пользователя есть права адимнистратора;

2.1 sudo dpkg -i eBios.deb && sudo apt -f install

– установка приложения из deb архива, если у пользователя нет прав адимнистратора.

Дождитесь окончания установки. После окончания установки Вы можете начинать использовать eBios



При первом запуске eBios необходимо установить пароль администратора BIOS, если пароль еще не установлен, или установлен пароль по умолчанию. Процесс смены пароля описан в пункте 3.4.

| Secure Boot Mode<br>Secure Boot mode selector.<br>'Standard' - fixed Secure boo<br>'Custom' - chengeable Image | t policy,<br>Execution policy and Secure Boot Key databases   | Standard                               |
|--|---|--|
|  | The BIOS Administrator's password is set to default value.<br>Please change password in eBios (Security tab).<br>ok |  |
| Secure Boot Order  | [00]Hard Disk:Windows Boot<br>[09]Disat<br>(09]Disat  | : Manager (P2: P3-256)<br>aled<br>xled |



## 3. Использование eBios

Функционал приложения eBios разделен на четыре вкладки:

- Boot
- Boot Order
- Advanced
- Security

Следующие разделы данного документа содержат более подробное описание настроек в каждой из вкладок приложения.

| eBios H610DA V41                                    |   |                                      | - 🗆 X    |
|---|---|--------------------------------------|----------|
| eBios   |   |                                      | Apply    |
|   | Deck Online   | A descent                            | C        |
| BOOT  | Boot Order  | Advanced                             | Security |
| Factory Key Pro                                     | vvision<br>Jefault Secure Boot keys after the platform reset and while                            | the System is in Setup mode          | Disable  |
| BIOS Lock   |   |                                      |          |
| Enable/Disable                                      | the PCH BIOS Lock Enable feature. Required to be enable   | d to ensure SMM protection of flash. | Disable  |
| Secure Boot<br>Secure Boot fit                      | w control. Secure Boot is possible only if System runs in L                                       | ser Mode                             | Erable   |
| Secure Poet M                                       | ada   |                                      |          |
| Secure Boot m<br>'Standard' - fix<br>'Custom' - che | de selector.<br>de Secure boot policy,<br>geable Image Execution policy and Secure Boot Key datal | bases                                | Standard |
| USB Mass Stor<br>Enable/Disable                     | age Driver Support<br>USB Mass Storage Driver Support.  |                                      | Enable   |
|   | INTE<br>reciprofi   | CH PRO<br>essionals                  |          |



## **3.1 Boot**



Вкладка Boot содержит следующие настройки:

• Factory Key Provision.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "Factory Key Provision" выделено белым цветом в состоянии Disable, и синим цветов в состоянии Enable;

| Factory Key Provision       Install factory default Secure Boot keys after the platform reset and while the System is in Setup mode       Enable         Enable       Enable |
|--|
|--|

#### • BIOS Lock.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "BIOS Lock " выделено белым цветом в состоянии Disable, и синим цветов в состоянии Enable;

| BIOS Lock  |         |  |
|--|---------|--|
| Enable/Disable the PCH BIOS Lock Enable feature. Required to be enabled to ensure SMM protection of flash. | Disable |  |



#### • Secure Boot.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "Secure Boot " выделено белым цветом в состоянии Disable, и синим цветов в состоянии Enable;

| Secure Boot  |         |
|--|---------|
| Secure Boot flow control. Secure Boot is possible only if system runs in User Mode | Disable |
|  |         |

#### • Secure Boot Mode.

Имеет два состояния: Standard и Custom. Переключение между состояниями осуществляется путем нажатия кнопки "Standard"/"Custom". Поле "Secure Boot Mode" выделено белым цветом в состоянии Standard, и синим цветов в состоянии Custom;

| Secure Boot mode selector.<br>'Standard' - fixed Secure boot policy,<br>'Custom' - chengeable Image Execution policy and Secure Boot Key databases | Standard |
|--|----------|
|--|----------|

#### • USB Mass Storage Driver Support.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "USB Mass Storage Driver Support" выделено белым цветом в состоянии Disable, и синим цветов в состоянии Enable;

| USB Mass Storage Driver Support                 |        |
|---|--------|
| Enable/Disable USB Mass Storage Driver Support. | Enable |
|   |        |



## 3.2 Boot Order

| eB | eBios         |            |   |   |  |
|----|---------------|------------|---|---|--|
|    | Boot          | Boot Order | Advanced  | Security  |  |
|    | Boot Order    |            | (00)Hard Disk:ubuntu (P2: BR 128G)<br>(01)WVME<br>(02)CD/DVD<br>(03)USB Hard Disk<br>(04)USB CD/OVD<br>(05)USB Key<br>(06)USB Floppy<br>(07)Network | 40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>4 |  |
|    | Devices Order |            |   |   |  |
|    |               |            |   |   |  |

Вкладка Boot Order содержит два связанных списка, Boot Order и Devices Order:

#### • Boot Order

Позволяет выделять устройство для изменения порядка его загрузчиков, включать/выключать устройства, с которых будет осуществляться загрузка компьютера, а так же настраивать порядок загрузки с этих устройств.

Выбор устройстра для изменения порядка его загрузчиков осуществляется путем клика левой кнопкой мыши по значку многоточия в строке с названием утройства. Выбранное устройство подсветится желтым, а снизу в окне "Devices Order" появится список доступных для данного устройства загрузчиков.

Включение/выключение устройства осуществляется путем клика правой кнопкой мыши по значку многоточия в строке с названием устройства, и выбора пункта контекстного "Enable"/"Disable" соответсвенно.

Изменение порядка устройств загрузки осуществляется путем перетаскивания устройства мышкой с зажатой левой кнопкой в желаемую позицию в списке.









#### • Device Order

Позволяет включать/выключать загрузчики устройства, с которых будет осуществляться загрузка компьютера, а так же настраивать их порядок.

Включение/выключение загрузчика осуществляется путем клика правой кнопкой мыши по значку многоточия в строке с названием загрузчика, и выбора пункта контекстного "Enable"/"Disable" соответсвенно.

Изменение порядка загрузчиков осуществляется путем перетаскивания загрузчика мышкой с зажатой левой кнопкой в желаемую позицию в списке.





## 3.3 Advanced

| Providence       Date       Advanced       Security         Marced       Security </th <th colspan="3"># eBios H6100A V41 - X</th>   | # eBios H6100A V41 - X  |   |                |          |  |
|--|---|---|----------------|----------|--|
| bet       dvance       Sexity  | eBios Apply   |   |                |          |  |
| Wake on LAN         Instee or disable integrated LAN to wake the system.<br>(The Wake On LAN cannot be disabled if ME is on at Sx state.)       Example         TPM Support       Example         Toron LUSE2.0 Port1#       Example         Front USE2.0 Port1#       Example         Rear USE3.0 Port2#       Example         USE Support       Example  | Boot  | Boot Order  | Advanced       | Security |  |
| Water of Low         Product or disable integrated LAN to wake the system.         The Wake On LAN cannot be disabled if ME is on at Six state.)         The Support         The Support of the security device. 0.5, will not show Security Device.         To FP protocol and INT1A Interface will not be available.         Front USE2.0 Port1#         Front USE2.0 Port1#         Front USE2.0 Port1#         Front USE2.0 Port1#         Row USE3.0 Port2#   |   |   |                |          |  |
| Enable or disable integrated LAN to wake the system.<br>(The Wake On LAN cannot be disabled if ME is on at Sx state.)       Enable         TPM Support       Texts         Total Support for security device. 0.5. will not show Security Device.<br>TCG EFI protocol and INTIA interface will not be available.       Texts         Front USB2.0 Port1#       Example         Front USB2.0 Port1#       Example         Front USB2.0 Port1#       Example         Front USB2.0 Port1#       Example         Rear USB2.0 Port1#       Example         Rear USB2.0 Port1#       Example         Rear USB3.0 Port1#       Example         Rear USB3.0 Port2#       Example         USB Support       Example   | ake on LAN  |   |                |          |  |
| The Support         Image: Support for security device. 0.5. will indicative Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device. 0.5. will not show Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device. 0.5. will not show Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device. 0.5. will not show Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device. 0.5. will not show Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device. 0.5. will not show Security Device.           The Produced and INTAA interface will not be available.         Image: Support Security device.         Image: Support Security device.           The Produced and Security Device.         Image: Support Security device.         Image: Support Security device.           The Produced and INTAA interface will not be available.         Image: Support Security device.         Image: Support Security device.           The Produced and Security Device.         Image: Support Security device.         Image: Support Security device.           The Produced and Security Device.         Image: Support Security device.         Image: Support Security device.           The Produced and Security Device.         Image: Support Security device.         Image: Support   | Enable or disable integrated LAM<br>(The Wake On LAN cannot be di | to wake the system.<br>sabled if ME is on at Sx state.) |                | Enable   |  |
| TM Support         Tables or Disables BIOS support for security device. 0.5. will not show Security Device.         Total Control of the security device. 0.5. will not show Security Device.         Total Control of the security device. 0.5. will not show Security Device.         Total Control of the security device. 0.5. will not show Security Device.         Total Control of the security device.         Total Contr  |   |   |                |          |  |
| TPM Support         Trables or Disables BIOS support for security device, O.S. will not show Security Device.<br>Tros FP protocol and INTTA interface will not be available.         Front US82.0 Port1#       Exote         Front US82.0 Port1#       Exote         Front US82.0 Port2#       Exote         Front US82.0 Port3#       Exote         Front US82.0 Port3#       Exote         Front US82.0 Port1#       Exote         Front US83.0 Port2#       Exote         Rear US82.0 Port2#       Exote         Rear US82.0 Port2#       Exote         Rear US82.0 Port2#       Exote         Rear US83.0 Port2#       Exote         Rear US83.0 Port2#       Exote         Rear US83.0 Port2#       Exote         US8 Support       Exote   |   |   |                |          |  |
| Priorit USB2.0 Port1#       Exate         Front USB2.0 Port1#       Exate         Pront USB2.0 Port2#       Exate         Pront USB2.0 Port3#       Exate         Pront USB2.0 Port3#       Exate         Pront USB2.0 Port1#       Exate         Pront USB2.0 Port1#       Exate         Pront USB2.0 Port1#       Exate         Pront USB2.0 Port2#       Exate         Rear USB3.0 Port2#       Exate         VSB Support       Exate  | PM Support  |   |                |          |  |
| TCG FF1 protocol and INTIA interface will not be available:         Front USB2.0 Port1#       Exobe         Front USB2.0 Port2#       Exobe         Front USB2.0 Port3#       Exobe         Front USB2.0 Port1#       Exobe         Front USB2.0 Port1#       Exobe         Front USB3.0 Port1#       Exobe         Front USB3.0 Port2#       Exobe         Rear USB2.0 Port2#       Exobe         Rear USB2.0 Port2#       Exobe         Rear USB3.0 Port2#       Exobe         Rear USB3.0 Port2#       Exobe         VSB Support       Exobe  | Enables or Disables BIOS suppo                                    | t for security device. O.S. will not show Se            | curity Device. | Fnable   |  |
| Front USB2.0 Port1#       Extile         Front USB2.0 Port2#       Extile         Front USB2.0 Port3#       Extile         Front USB3.0 Port1#       Extile         Front USB3.0 Port2#       Extile         Rear USB2.0 Port1#       Extile         Rear USB2.0 Port2#       Extile         Rear USB2.0 Port2#       Extile         Rear USB3.0 Port2#       Extile         Rear USB3.0 Port2#       Extile         Rear USB3.0 Port2#       Extile         VSB Support       Extile  | TCG EFI protocol and INT1A int                                    | erface will not be available.                           |                |          |  |
| Front USB2.0 Port1#       Exable         Front USB2.0 Port2#       Exable         Front USB3.0 Port1#       Exable         Front USB3.0 Port2#       Exable         Rear USB3.0 Port2#       Exable         Rear USB2.0 Port1#       Exable         Rear USB3.0 Port2#       Exable         Rear USB3.0 Port2#       Exable         Rear USB3.0 Port2#       Exable         Rear USB3.0 Port2#       Exable         USB Support       Exable   |   |   |                |          |  |
| Front USB2.0 Port1# Easte<br>Front USB2.0 Port2# Easte<br>Front USB3.0 Port1# Easte<br>Front USB3.0 Port2# Easte<br>Rear USB2.0 Port2# Easte<br>Rear USB2.0 Port2# Easte<br>Rear USB2.0 Port2# Easte<br>Rear USB3.0 Port2# Easte<br>Rear USB3.0 Port2# Easte<br>WSB Support Easte  |   |   |                |          |  |
| Front USB2.0 Port2# Enable Front USB2.0 Port3# Enable Front USB3.0 Port1# Enable Front USB3.0 Port2# Enable Rear USB2.0 Port2# Enable Rear USB2.0 Port2# Enable Rear USB3.0 Port2# Enable USB Support Enable USB Support   | ont USB2.0 Port1#   |   | Enable         |          |  |
| Front USB2.0 Port3# Exable Front USB3.0 Port1# Exable Rear USB2.0 Port2# Exable Rear USB2.0 Port2# Exable Rear USB3.0 Port2# Exable Rear USB3.0 Port2# Exable USB Support Exable USB Support Exable Ex | ont USB2.0 Port2#   |   | Enable         |          |  |
| Front USB3.0 Port1 # Enable Front USB3.0 Port2 # Enable Rear USB2.0 Port2 # Enable Rear USB3.0 Port2 # Enable Rear USB3.0 Port2 # Enable USB Support Enable USB Support Enable En | ont USB2.0 Port3#   |   | Enable         |          |  |
| Front USB3.0 Port2# Enable Rear USB2.0 Port1# Enable Rear USB2.0 Port2# Enable Rear USB3.0 Port1# Enable USB Support Enable USB Support Enable USB Support   | ont USB3.0 Port1#   |   | Enable         |          |  |
| Rear USB2.0 Port1# Enable Rear USB2.0 Port2# Enable Rear USB3.0 Port1# Enable USB Support Enable USB Support Enable USB Support  | ont USB3.0 Port2#   |   | Enable         |          |  |
| Rear USB2.0 Port2# Enable Rear USB3.0 Port1# Enable USB Support Enable USB Support Enable USB Support  | ear USB2.0 Port1#   |   | Enable         |          |  |
| Rear USB3.0 Port1# Enable Rear USB3.0 Port2# USB Support Enable E | ear USB2.0 Port2#   |   | Enable         |          |  |
| Rear USB Support USB Support Enable E | ear USB3.0 Port1#   |   | Enable         |          |  |
|  | ear USB3.0 Port2#   |   | Enable         |          |  |
|  | SB Support  |   | Enable         |          |  |
|  |   |   |                |          |  |
| INTECH PRO   |   |   |                |          |  |
|  |   |   |                |          |  |
| real procession of the second s  |   |   | Single         |          |  |

Вкладка Advanced содержит следующие настройки:

#### • Wake on LAN.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "Wake on LAN" выделено белым цветом в состоянии Disable, и синим цветов в состоянии





#### • TPM Support.

Имеет два состояния: Disable и Enable. Переключение между состояниями осуществляется путем нажатия кнопки "Disable"/"Enable". Поле "TPM Support" выделено белым цветом в состоянии Disable, и синим цветов в состоянии



Enable;

• USB Devices.

Перевод "USB Support" в состояние "Disable" отключает все USB порты. Перевод в состояние "Enable" возвращает все USB порты в предыдущее состояние (порты, которые ранее были включены, останутся включенными, а порты, которые ранее были отключены, останутся отключенными).



Так же каждый порт может быть включен или выключен индивидуально, путем нажатия напротив него кнопки "Disabled"/"Enabled". Название включенного USB порта выделяется белым цветом, а отключенного – черным.

| Front USB2.0 Port1# | Enable  |
|---------------------|---------|
| Front USB2.0 Port2# | Enable  |
| Front USB2.0 Port3# | Enable  |
| Front USB3.0 Port1# | Enable  |
| Front USB3.0 Port2# | Enable  |
| Rear USB2.0 Port1#  | Enable  |
| Rear USB2.0 Port2#  | Enable  |
| Rear USB3.0 Port1#  | Disable |
| Rear USB3.0 Port2#  | Enable  |
| USB Support         | Enable  |



## 3.4 Security

| 📽 eBios H610DA V41    |                        |                 | - 🗆 X    |
|-----------------------|------------------------|-----------------|----------|
| eBios                 |                        |                 |          |
| Boot                  | Boot Order             | Advanced        | Security |
| Administrator Passwor | Current Password       | Change Password |          |
| User Password         | Administrator Password | Change Password |          |
|                       |                        |                 |          |
|                       |                        |                 |          |
|                       |                        |                 |          |
|                       |                        |                 |          |
|                       |                        |                 |          |
|                       | (a) INT                | ECH PRO         |          |
|                       | real pro               | ofessionals     |          |

Вкладка Security содержит следующие настройки:

• Administrator Password. Позволяет сменить пароль администратора BIOS. Для этого необходимо ввести текущий пароль администратора BIOS в поле "Current Password" и новый пароль администратора BIOS в поле "New Password". Изменения сохраняются путем нажатия кнопки "Change Password".

| Administrator Password | Current Password | ••••• | Change Password |  |
|------------------------|------------------|-------|-----------------|--|
|                        | New Password     | ••••• |                 |  |



• User Password. Позволяет сменить пароль пользователя BIOS. Для этого необходимо ввести текущий пароль администратора BIOS в поле "Administrator Password" и новый пароль пользователя BIOS в поле "New Password". Изменения сохраняются путем нажатия кнопки "Change Password".

| Llear Password | Administrator Password |
|----------------|------------------------|
| User Password  | New Password           |

## 3.5 Применение измененных настроек

Выбранные настройки применяются путем нажатия кнопки "Apply" в верхнем правом углу окна приложения, при нахождении на любой закладке (кроме Security). При нажатии на эту кнопку будут сохранены все измененные настройки, не зависимо от того, какая именно закладка открыта в настоящий момент.

| @ eBios | eBios H610DA V41                                     |   |            |          |  |
|---------|--|---|------------|----------|--|
| e       | eBios  |   |            |          |  |
|         | Boot   | Boot Order  | Advanced   | Security |  |
|         |  |   |            |          |  |
|         | Wake on LAN  |   |            |          |  |
|         | Enable or disable integrat<br>(The Wake On LAN canno | ed LAN to wake the system.<br>It be disabled if ME is on at Sx state.)                        |            | Enable   |  |
|         | TPM Support  | support for convitu dation () S will not show Society   | tu Device  | Table    |  |
|         | TCG EFI protocol and INT                             | Support for security device. U.S. will not show Securi<br>11 interface will not be available. | ly Device. | Enable   |  |
|         |  |   |            |          |  |
|         | Front USB2.0 Port1#                                  |   | Enable     |          |  |
|         | Front USB2.0 Port2#                                  |   | Enable     |          |  |
|         | Front USB2.0 Port3#                                  |   | Enable     |          |  |
|         | Front USB3.0 Port1#                                  |   | Enable     |          |  |
|         | Front USB3.0 Port2#                                  |   | Enable     |          |  |
|         | Rear USB2.0 Port1#                                   |   | Enable     |          |  |
|         | Rear USB2.0 Port2#                                   |   | Enable     |          |  |
|         | Rear USB3.0 Port1#                                   |   | Disable    |          |  |
|         | Rear USB3.0 Port2#                                   |   | Enable     |          |  |
|         | USB Support  |   | Enable     |          |  |
|         |  |   |            |          |  |
|         |  | Real profession   | I PRO      |          |  |



Применение изменений требует подтверждения путем ввода пароля администратора BIOS. В появившемся окне введите пароль администратора BIOS, после ввода пароля нажмите кнопку "Apply" для подтверждения сохранения изменений, или кнопку "Cancel" для отмены сохранения изменений.

| TCG EFI protocol and INT1A interfa | ace will not be available. |
|------------------------------------|----------------------------|
|                                    |                            |
|                                    | Enter Admin password       |
|                                    | Apply Cancel               |
| FUSB2.0_port1#                     | Enable                     |
| FUSB2.0_port2#                     | Enable                     |







## 4. Использование eBios через командную строку

Каждая команда из нижеприведенных имеет краткую и полную форму, выполняющие одинаковые функции. Например: команда eBios-"e-usball" это краткая форма, а команда "enable-usball" это полная форма команды "Enable All USB Support.", позволяющей включить все USB порты компьютера.

Для использования приложения через командную строку, необходимо сменить дерикторию на корневую папку приложения.



#### Формат ввода команд в командной

#### строке:eBios.exe --d-usball





#### Команда --help выводит список всех доступных команд.

| Administrator: C:\Windows\System32\cmd.exe  |  | - |  |
|---|--|---|--|
| c:\Program Files\IntechPro\eBios≻eBios.exehelp  |  |   |  |
| c:\Program Files\IntechPro\eBios≻   |  |   |  |
| Usage: eBios.exe [options]  |  |   |  |
| Options:<br>-h,help   | Displays help on   |   |  |
| -v,version  | Display eBios application<br>version   |   |  |
| e-r201,enable-rear-201  | Enable Rear USB2.0 USB<br>Port #1  |   |  |
| d-r201,disable-rear-201   | Disable Rear USB2.0 USB<br>Port #1   |   |  |
| e-r202,enable-rear-202  | Enable Rear USB2.0 USB<br>Port #2<br>Disable Rear USB2 0 USB   |   |  |
| e-r301,enable-rear-301  | Port #2<br>Enable Rear USB3.0 USB  |   |  |
| d-r301,disable-rear-301   | Port #1<br>Disable Rear USB3.0 USB   |   |  |
| e-r302,enable-rear-302  | Port #1<br>Enable Rear USB3.0 USB<br>Port #2   |   |  |
| d-r302,disable-rear-302   | Disable Rear USB3.0 USB<br>Port #2   |   |  |
| e-f201,enable-front-201   | Enable Front USB2.0 USB<br>Port #1   |   |  |
| d-f201,disable-front-201  | Disable Front USB2.0 USB<br>Port #1<br>Sable Front USB2.0 USB  |   |  |
| d-f202,disable-front-202  | Port #2<br>Disable Front USB2.0 USB  |   |  |
| e-f203,enable-front-203   | Port #2<br>Enable Front USB2.0 USB   |   |  |
| d-f203,disable-front-203  | Port #3<br>Disable Front USB2.0 USB  |   |  |
| e-f301,enable-front-301   | Port #3<br>Enable Front USB3.0 USB<br>Port #1  |   |  |
| d-f301,disable-front-301  | Disable Front USB3.0 USB<br>Port #1  |   |  |
| e-f302,enable-front-302   | Enable Front USB3.0 USB<br>Port #2   |   |  |
| d-f302,disable-front-302  | Disable Front USB3.0 USB<br>Port #2  |   |  |
| e-usball,enable-usball<br>d-usball,disable-usball<br>e-fknenable-factory-key-provision  | Enable USB Support<br>Disable USB Support  |   |  |
| d-fkp,disable-factory-key-provision   | Provision<br>Disable Factory Key   |   |  |
| e-sb,enable-secure-boot   | Provision<br>Enable Secure Boot  |   |  |
| d-sb,disable-secure-boot<br>ssb,standard-secure-boot  | Disable Secure Boot<br>Set Secure Boot Mode to   |   |  |
| csb,custom-secure-boot  | Set Secure Boot Mode to<br>Custom  |   |  |
| e-msds,enable-usb-mass-storage-driver-support   | Enable USB Mass Storage<br>Driver Support  |   |  |
| d-msds,disable-usb-mass-storage-driver-suppor   | Disable USB Mass Storage<br>Driver Support   |   |  |
| e-wor,enable-wake-on-ian  |  |   |  |
|   |  |   |  |
| Select Administrator: C:\Windows\System32\cmd.exe   |  | - |  |
| Select Administrator: CAWindows/System32/crmd.exe<br>d-wol,disable-twake-on-lan<br>e-tpms,enable-tpm-support<br>d-tpmedisable-tpm-support   | Disable Wake on LAN<br>Enable TPM Support<br>Sisable TRM Separet   | - |  |
| Select Administrator: C:\Windows\System32\crndexe<br>d-wol,disable-wake-on-lan<br>e-tpms,enable-tpm=support<br>-d-tpms,disable-tpm=support<br>e-bup,enable-bios-write-protect<br>-d-bup,disable-bios-write-protect  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Disable BTOS Lock  | - |  |
| Select Administers: C:\Windows\System32\cmdexe<br>d-wol,disable-wake-on-lan<br>e-tpms,enable-tpm-support<br>-d-tpms,disable-tpm-support<br>e-bup,enable-bios-write-protect<br>d-bup,disable-bios-write-protect<br>d-bup,disable-bios-write-protect<br>cap,change-admin-pass   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:Change-admin-pass  | - |  |
| <pre>Select Administraton CAWindows/System32/cmd.exe<br/>d-wol,disable-xpm-support<br/>e-tpms,enable-tpm-support<br/>d-tpms,disable-tpm-support<br/>e-bup,enable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>cap,change-admin-pass</pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345  | - |  |
| <pre>SelectAdministator.C\Window\System32\cmdexed-wol,disable-wake-on-lane-tpms,enable-tpm-supportd-tpms,disable-tpm-supporte-bup,enable-bios-write-protectd-bup,disable-bios-write-protectcap,change-admin-passcup,change-user-pass</pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>USage:change-admin-pass<br>old-admin-pass 1245<br>new-admin-pass 54321<br>Change User Password<br>USage:change-user-pass<br>admin-nass 1245  | - |  |
| <pre>SelectAdministator.CAWindows/System32/cmd.exe<br/>d-wol,disable-vake-on-lan<br/>e-tpms,enable-tpm-support<br/>d-tpms,disable-tpm-support<br/>e-bup,enable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>cup,change-admin-pass</pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>neu-admin-pass 1245<br>neu-admin-pass 54321<br>Change User Password<br>Usage:change-user-pass<br>admin-pass 12345<br>neu-user-pass 54321<br>Old admin password  | - |  |
| <pre>Select Administrator: CAWIndows/System32/cmd.exe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm-support<br/>d-tpms,enable-bios-write-protect<br/>d-bup,enable-bios-write-protect<br/>d-bup,enable-bios-write-protect<br/>Cup,change-admin-pass<br/>cup,change-admin-pass<br/>oap,old-admin-pass <old-admin-pass><br/>nup,new-user-pass <old-admin-pass><br/>nup,new-user-pass <old-admin-pass><br/>nup,new-user-pass <old-admin-pass><br/>nup,new-user-pass</old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>old-admin-pass 1245<br>new-admin-pass 1245<br>new-admin-pass 1245<br>new-usen-password<br>Usage:change-usen-pass<br>admin-pass 1245<br>new-usen-pass 1245<br>new-usen-pass 1245<br>new-usen-pass 1245<br>new-usen-pass 1245   | - |  |
| <pre>SelectAdministator:CAWIndows/System32/cmd.exe<br/>d-wol,disable-vake-on-lan<br/>e-tpms,enable-tpm-support<br/>e-bup,disable-bios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>nup,new-admin-pass (old-admin-pass)<br/>nup,new-user-pass (old-admin-pass)<br/>nup,new-user-pass (old-admin-pass)<br/>nup,new-user-pass (old-admin-pass)<br/>nup,current-password (cymud-pass)<br/>current-password (cymud-pass)</pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS lock<br>Disable BIOS lock<br>Change Admin Passawin-<br>Usage:change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-admin-pass 54321<br>Change User-Password<br>Usage:change-user-pass<br>admin-password<br>New amin password<br>New user-password<br>New user-password<br>Administrator password<br>Administrator password<br>Administrator password  | - |  |
| <pre>SelectAdministator.C\Windows\System32\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpmsupport<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>oap,old-admin-pass <old-admin-pass><br/>nap,new-user-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-user-pass <old-admin-pass><br/>nap,new-user-pass <old><br/>oaps&gt;<br/>oput-pass <old><br/>oaps&gt;<br/>oadmin-pass <old><br/>oaps&gt;<br/>oadmin-pass <old><br/>oaps&gt;<br/>oadmin-pass <old><br/>oadmin-pass&gt;<br/>oadmin-pass&gt;<br/>opud,current-password <old><br/>oadmin-pass&gt;<br/>oadmp,dump</old></old></old></old></old></old></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Disable BTOS Lock<br>Change Admin Passsword<br>Usage:Change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-user Password<br>Usage:Change-user-pass<br>admin-pass 12345<br>new-user-pass 53211<br>Old admin password<br>New user password<br>New user password<br>New user password<br>Administrator password<br>Indicates admin password<br>Dump Operatiom Flag<br>Should be in all Dump  | - |  |
| <pre>SelectAdministator:C\Windows\System32\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>oap,old-admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old-admin-pass><br/>ap,admin-pass <old>old-admin-pass&gt;<br/>ap,admin-pass <old>old-admin-pass&gt;<br/>admin-pass <old>old-admin-pass <old>old-admin-pass&gt;<br/>admin-pass <old>old-admin-pass <old>old-admin-pass&gt;<br/>admin-pass <old>old-admin-pass <old>old-admin-pass&gt;<br/>admin-pass <old>old-admin-pass <old>old-admin-pas</old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Disable BTOS Lock<br>Change Admin Passsword<br>Usage:change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 53211<br>Old admin password<br>New user password<br>New user password<br>New user password<br>Indicates admin password<br>Indicates admin password<br>Dump Operatiom Flag<br>Should be in all Dump<br>Read/Write commands  |   |  |
| <pre>Select Administator: C:\Windows\System32\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-bup,enable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-admin-pass<br/>op,new-user-pass<br/>nap,new-user-pass<br/>nap,new-user-pass<br/>nap,new-user-pass<br/>ap,admin-pass <new-admin-pass<br>ap,admin-pass <new-user-pass<br>ap,admin-pass <new-user-pass<br>ap,admin-pass <new-user-pass<br>ap,admin-pass <new-user-pass<br>ap,dufin-pass <new-user-pass<br>cpwd,current-password <cpwd-pass><br/>dump,dump<br/>d-read,d-read <read-dump-fname></read-dump-fname></cpwd-pass></new-user-pass<br></new-user-pass<br></new-user-pass<br></new-user-pass<br></new-user-pass<br></new-admin-pass<br></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 5321<br>Change User Password<br>Usage:change-user-pass<br>admin-pass 12345<br>new-user-password<br>New user password<br>New user password<br>New user password<br>Administrator password<br>Indicates admin password<br>Indicates admin password<br>Indicates admin password<br>Dump Operation Flag<br>Should be in all Dump<br>Read/Write commands<br>Read dump from BIOS to<br>File   |   |  |
| <pre>Select Administator: CAWIndows/System32/cmd.exe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,enable-bios-write-protect<br/>d-bup,disable-bios-write-protect<br/>Cap,old-admin-pass<br/>cup,old-admin-pass (old-admin-pass)<br/>nup,new-usdrn-pass (new-user-pass)<br/>nup,new-user-pass (new-user-pass)<br/>nup,new-user-pass (new-user-pass)<br/>nup,eu-user-pass (new-user-pass)<br/>nup,current-pass (new-user-pass)<br/>gwd,current-password (cpwd-pass)<br/>dump,dump<br/>d-read,d-read <read-dump-fname><br/>d-write,d-write <write-dump-fname></write-dump-fname></read-dump-fname></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>  |   |  |
| <pre>Select Administator: C:\Windows\System32\cmdexe<br/>d-wol,disable-vake-on-lan<br/>e-tpms,enable-tpm-support<br/>e-bup,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>nup,neu-user-pass (old-admin-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>nup,neu-user-pass (neu-user-pass)<br/>dum,dumpdump-fname&gt;<br/>d-write,d-write (write-dump-fname&gt;<br/>bo,bo</pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Enable BTO Sock<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:   |   |  |
| <pre>Select Administator: C:\Window:\System32\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>e-bup,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>nap,new-admin-pass (old-admin-pass)<br/>nap,new-admin-pass (cnew-user-pass)<br/>nap,new-user-pass (cnew-user-pass)<br/>cup,change-user-pass (cnew-user-pass)<br/>nap,new-user-pass (cnew-user-pass)<br/>cup,current-pass (cnew-user-pass)<br/>cup,current-pass (cnew-user-pass)<br/>cup,current-pass (cnew-user-pass)<br/>dump,dump<br/>d-read,d-read (read-dump-fname)<br/>bo,bo<br/>bo-i,bo-i</pre>   | Disable Wake on LAW<br>Enable TPM Support<br>Disable TPM Support<br>Enable BIOS Lock<br>Disable BIOS Lock<br>Disable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>old-admin-pass 1245<br>new-admin-pass 1245<br>new-admin-pass 1245<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>new-user-pass<br>Bootorder Management Flag<br>Should be in all BootOrder<br>crummands<br>Show BootOrder Info<br>Usage:<br>bobo -i  |   |  |
| <pre>SelectAdministator.C\Windows\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>-e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>d-up,idisable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>oap,old-admin-pass (new-admin-pass)<br/>np,new-admin-pass (new-admin-pass)<br/>np,new-admin-pass (new-admin-pass)<br/>np,new-user-pass<br/>np,oudmin-pass (new-user-pass)<br/>np,new-user-pass (new-admin-pass)<br/>ap,admin-pass (new-user-pass)<br/>ap,admin-pass (new-user-pass)<br/>dup,current-password (cpwd-pass)<br/>dump,dump<br/>d-read,d-read (read-dump-fname)<br/>d-write,d-write (write-dump-fname)<br/>bo,bo<br/>bo-i,bo-i<br/>bo-bl,bo-bl</pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:Change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 53211<br>Old admin-pass 12345<br>new-user-pass 53211<br>Old admin password<br>New user password<br>New user password<br>Administrator password<br>Indicates admin password<br>Indicates admin password<br>Dump Operatiom Flag<br>Should be in all Dump<br>Read/Write commands<br>Read dump from BIOS to<br>File<br>Write dump from File to<br>BIOS<br>BootOrder Management Flag<br>Should be in all BootOrder<br>rommands<br>Show BootOrder Info<br>Usage:<br>bobo-l   |   |  |
| <pre>SelectAdministator:C\Windows\System3\cmdexe<br/>d-upl,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>nap,old-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,admin-pass <old-admin-pass><br/>nap,admin-pass <old><br/>nap,admin-pass <ol><br/>d-read,d-read <read-dump-fname><br/>d-write,d-write <write-dump-fname><br/>bo,bo<br/>bo-bi,bo-bi<br/>bo-boi,bo-bi</write-dump-fname></read-dump-fname></ol></old></old></old></old></old></old></old></old></old></old></old></old></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Passsuord<br>Usage:Change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 53211<br>Change User Password<br>Usage:Change-User-pass<br>admin-pass 12345<br>new-user-pass 53212<br>Old admin password<br>New user password<br>New user password<br>New user password<br>Indicates admin password<br>Indicates admin password<br>Indicates admin password<br>Indicates admin password<br>Should be in all Dump<br>Read/Write commands<br>Read dump from BIOS to<br>File<br>Write dump from File to<br>BIOS<br>BootOrder Management Flag<br>Should be in all BootOrder<br>commands<br>Shoul be in all BootOrder<br>shoul be in all BootOrder<br>commands<br>Shoul be in all BootOrder<br>shoul be in all BootOrder<br>commands<br>Shoul be in bootOrder<br>Shoul be bootOrder Info<br>Usage:<br>bobool<br>Parameter for bo-bu<br>BootOrtion Index   |   |  |
| <pre>SelectAdministator.C\Windows\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbms-wpite-protect<br/>d-tpm,disable-bios-write-protect<br/>d-up,idisable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>nap,ew-admin-pass <new-admin-pass><br/>nap,new-admin-pass <new-admin-pass><br/>nap,new-user-pass<br/>nap,new-user-pass<br/>nap,ew-user-pass<br/>nap,dufn-pass <new-user-pass><br/>ap,admin-pass <new-user-pass><br/>ap,admin-pass <new-user-pass><br/>ap,admin-pass <new-user-pass><br/>ap,admin-pass <new-user-pass><br/>dump,dump<br/>d-read,d-read <read-dump-fname><br/>d-write,d-write <write-dump-fname><br/>bo,bo<br/>bo-i,bo-i<br/>bo-bi,bo-bi<br/>bo-bi,bo-bi<br/>bo-bi,bo-bi</write-dump-fname></read-dump-fname></new-user-pass></new-user-pass></new-user-pass></new-user-pass></new-user-pass></new-admin-pass></new-admin-pass></pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:Change-admin-pass<br>   |   |  |
| <pre>SelectAdministator:C\Windows\System3\cmdexe<br/>d-upl,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbms-wpite-protect<br/>d-tpm,disable-bios-write-protect<br/>d-up,idisable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>nap,new-user-pass (new-admin-pass)<br/>nap,new-user-pass (new-admin-pass)<br/>nap,new-user-pass (new-user-pass)<br/>ap,admin-pass (new-user-pass)<br/>ap,admin-pass (new-user-pass)<br/>ap,admin-pass (new-user-pass)<br/>dup,dum-pass (new-user-pass)<br/>dump,dump<br/>d-read,d-read <read-dump-fname><br/>d-read,d-read <read-dump-fname><br/>bo,bo<br/>bo-i,bo-i<br/>bo-bl,bo-bl<br/>bo-bl,bo-bl<br/>bo-boi,bo-bl<br/>bo-boi,bo-bl</read-dump-fname></read-dump-fname></pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:  |   |  |
| <pre>SelectAdministator.C\Windows\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>-e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-tbios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-user-pass<br/>nap,audmin-pass <cld-admin-pass><br/>nap,neu-user-pass <cld>naps&gt;<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,naudmin-pass <cld-admin-pass><br/>nap,neu-user-pass <cld>naps&gt;<br/>naudmin-pass <cld>naps&gt;<br/>nap,naudmin-pass<br/>nap,naudmin-pass <cld>naps&gt;<br/>naudmin-pass <cld>naps&gt;<br/>nap,naudmin-pass<br/>nap,naudmin-pass<br/>ap,admin-pass <cld>naps&gt;<br/>ap,admin-pass <cld>naps&gt;<br/>ap,admin-pass<br/>ap,dumin-pass <cld>naps&gt;<br/>ap,admin-pass<br/>admin-pass <cld>naps&gt;<br/>admin-pass <cld>naps&gt;<br/>dump-finame&gt;<br/>d-read,d-read <read-dump-finame><br/>bo,bo<br/>bo-i,bo-i<br/>bo-bl,bo-bl<br/>bo-bl,bo-bl<br/>bo-boi,bo-boi </read-dump-finame></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld></cld-admin-pass></cld></cld-admin-pass></pre>   | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Disable TBM Support<br>Enable BIOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>adid-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 53212<br>Change User Password<br>Usage:change-user-pass<br>adimin-pass 12345<br>new-user-pass 53212<br>Old admin password<br>New user password<br>New user password<br>New user password<br>Indicates admin password<br>Indicates admin password<br>Dump Operatiom Flag<br>Should be in all Dump<br>Read/Write commands<br>Read dump from File to<br>EIOS<br>BootOrder Management Flag<br>Should be in all BootOrder<br>commands<br>Show BootOrder Info<br>Usage:<br>bobo-l<br>Parameter for bo-bu<br>BootOrder Indexes<br>Usage:<br>bobo-bu 0bo-bu<br>BootOrder Indexes<br>Usage:<br>bobo-bu 0bo-bu 1<br>Where:<br>0 - BootOrder Index from<br>bo-b1<br>1 - BootOption Index from   |   |  |
| <pre>SelectAdministor:C\Window\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>e-bup,disable-tbios-write-protect<br/>d-tpms,disable-tbios-write-protect<br/>cap,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>op,old-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,new-admin-pass <old-admin-pass><br/>nap,admin-pass <old-admin-pass><br/>nap,admin-pass <old-admin-pass><br/>nap,admin-pass <old-admin-pass><br/>nap,admin-pass <old><br/>nap,admin-pass <old><br/>nap,admin-pass <old><br/>nap,admin-pass<br/>admin-pass <old><br/>admin-pass <old><br/></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></old-admin-pass></pre> | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Disable TBM Support<br>Enable BIOS Lock<br>Change Admin Password<br>Usage:Change-admin-pass<br>  |   |  |
| <pre>SelectAdministor:C\Windows\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm-support<br/>e-bup,disable-tbios-write-protect<br/>d-tpms,disable-tbios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-admin-pass (cmd-admin-pass)<br/>nap,neu-user-pass (cmd-admin-pass)<br/>nap,neu-user-pass (cmd-admin-pass)<br/>nap,neu-user-pass (cmd-admin-pass)<br/>nap,neu-user-pass (cmd-admin-pass)<br/>nap,neu-user-pass (cmd-admin-pass)<br/>nap,admin-pass (cmd-admin-pass)<br/>nap,admin-pass (cmd-admin-pass)<br/>nap,admin-pass (cmd-admin-pass)<br/>ap,admin-pass (cmd-admin-pass)<br/>ad-read,d-read (cmd-admin-pass)<br/>d-unite,d-write (urite-dump-fname)<br/>bo,bo<br/>bo-i,bo-i<br/>bo-bi,bo-bi<br/>bo-boi,bo-boi (boot-option-index)<br/>bo-bu,bo-bu (boot-order-index)<br/>bo-dl,bo-dl (boot-order-index)</pre>  | Disable Wake on LAN<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:change-admin-pass<br>old-admin-pass 12345<br>new-admin-pass 12345<br>new-admin-pass 12345<br>new-user-pass 5321<br>Old admin password<br>New user password<br>New admin-pass 12345<br>new-user-pass 5421<br>Old admin password<br>New astic password<br>Should be in all Dump<br>Read/Write commands<br>Read dump from BIOS to<br>File<br>Write dump from File to<br>BIOS<br>BootOrder Management Flag<br>Should be in all BootOrder<br>crommands<br>Show BootOrder Info<br>Usage:<br>bobo-i<br>Show list with BootOrder<br>and BootOption indexes<br>Usage:<br>bobo-bol<br>Parameter for bo-bu<br>BootOption index<br>Update BootOrder Element<br>Usage:<br>bo -bo-bu 8bo-boi 1<br>Neme:<br>bo-bl<br>1 - BootOption index from<br>bo-bl<br>Show list with BootDevice<br>and DeviceOption indexes<br>Show list with BootDevice<br>Show lis |   |  |
| <pre>SelectAdminister:C\Windows\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm-support<br/>d-tpms,disable-tpm-support<br/>d-tpm,disable-bios-write-protect<br/>d-bup,enable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-admin-pass<br/>cup,change-admin-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>nap,neu-user-pass<br/>dump,dump<br/>d-read,d-read (read-dump-fname&gt;<br/>d-write,d-write (write-dump-fname&gt;<br/>bo,bo<br/>bo-i,bo-i<br/>bo-bi,bo-bi<br/>bo-bi,bo-bi<br/>bo-bi,bo-bi<br/>bo-bu,bo-bu (boot-option-inbex&gt;<br/>bo-bu,bo-bu (boot-order-index&gt;</pre>  | Disable Wake on LAW<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:  |   |  |
| <pre>SelectAdministator.C\Window\System3\cmdexe<br/>d-wol,disable-wake-on-lan<br/>e-tpms,enable-tpm=support<br/>d-tpms,disable-tbios-write-protect<br/>d-tpm,disable-bios-write-protect<br/>cap,change-admin-pass<br/>cup,change-user-pass<br/>cup,change-user-pass<br/>npp,new-user-pass (new-admin-pass)<br/>np,new-user-pass (new-admin-pass)<br/>np,new-user-pass (new-user-pass)<br/>np,new-user-pass (new-user-pass)<br/>np,new-user-pass (new-user-pass)<br/>ap,admin-pass (new-user-pass)<br/>dup,dump<br/>d-read,d-read (read-dump-fname)<br/>d-read,d-read (read-dump-fname)<br/>bo,bo<br/>bo-i,bo-i<br/>bo-bl,bo-bl<br/>bo-bl,bo-bl<br/>bo-bol,bo-bl<br/>bo-bu,bo-bl (boot-option-index)<br/>bo-bu,bo-bu (boot-order-index)<br/>bo-dl,bo-dl (boot-order-index)</pre>   | Disable Wake on LAW<br>Enable TPM Support<br>Disable TPM Support<br>Enable BTOS Lock<br>Change Admin Password<br>Usage:  |   |  |





## 4.1 Список кратких команд

Команды в этом разделе выполняют те же функции, что и кнопки графического интерфейса, а также имеют дополнительную функциональность.

| N⁰ | Команда  | Описание                                |
|----|----------|---|
| 1  | h        | Displays help on commandline options    |
| 2  | V        | Display eBios application version       |
| 3  | e-r201   | Enable Rear USB2.0 USB Port #1          |
| 4  | d-r201   | Disable Rear USB2.0 USB Port #1         |
| 5  | e-r202   | Enable Rear USB2.0 USB Port #2          |
| 6  | d-r202   | Disable Rear USB2.0 USB Port #2         |
| 7  | e-r301   | Enable Rear USB3.0 USB Port #1          |
| 8  | d-r301   | Disable Rear USB3.0 USB Port #1         |
| 9  | e-r302   | Enable Rear USB3.0 USB Port #2          |
| 10 | d-r302   | Disable Rear USB3.0 USB Port #2         |
| 11 | e-f201   | Enable Front USB2.0 USB Port #1         |
| 12 | d-f201   | Disable Front USB2.0 USB Port #1        |
| 13 | e-f202   | Enable Front USB2.0 USB Port #2         |
| 14 | d-f202   | Disable Front USB2.0 USB Port #2        |
| 15 | e-f203   | Enable Front USB2.0 USB Port #3         |
| 16 | d-f203   | Disable Front USB2.0 USB Port #3        |
| 17 | e-f301   | Enable Front USB3.0 USB Port #1         |
| 18 | d-f301   | Disable Front USB3.0 USB Port #1        |
| 19 | e-f302   | Enable Front USB3.0 USB Port #2         |
| 20 | d-f302   | Disable Front USB3.0 USB Port #2        |
| 21 | e-usball | Enable USB Support                      |
| 22 | d-usball | Disable USB Support                     |
| 23 | e-fkp    | Enable Factory Key Provision            |
| 24 | d-fkp    | Disable Factory Key Provision           |
| 25 | e-sb     | Enable Secure Boot                      |
| 26 | d-sb     | Disable Secure Boot                     |
| 27 | ssb      | Set Secure Boot Mode to Standard        |
| 28 | csb      | Set Secure Boot Mode to Custom          |
| 29 | e-msds   | Enable USB Mass Storage Driver Support  |
| 30 | d-msds   | Disable USB Mass Storage Driver Support |
| 31 | e-wol    | Enable LAN Devices Power On             |
| 32 | d-wol    | Disable LAN Devices Power On            |
| 33 | e-tpms   | Enable Security Device Support          |



| 35     e-bwp     Enable BIOS Write Protection       36     d-bwp     Disable BIOS Write Protection       37     sap     Change Admin Password       38     cup     Change Admin Password       38     cup     Change Admin Password       38     cup     Change Admin Password       39     oap     Change User Password       39     oap     Parameter for cap       01 admin password     S4321 - new user password       40     nap     Parameter for cap       01 admin password     S4321 - new user password       41     nup     Parameter for cap       New user password     Parameter for cap       42     ap     Parameter for any command, required admin password for BIOS       43     cpwd     Parameter for any command, required admin password for BIOS write commands       44     dump     Dump Operation Flag       50     d-read     Bead dump from BIOS to File       usage:     -dom of the tage     -dmm of the tage       46     d-write     Write dump from BIOS to File       usage:     -dom of the tage     -dmm of the tage       47     bo     BotoProter Mangement Flag       50     bo-id     Show BotoProter Corup       Showt BootOrder Indagement Flag     Showt BootOrder  | 34         | d-tpms  | Disable Security Device Support  |
|--|------------|---------|--|
| 36     d-bwp     Disable BIOS Write Protection       37     Gap     Change Admin Password       38     Cup     Change Admin Password       38     cup     Change User Password       38     cup     Change User Password       39     oap     Parameter for cap       39     oap     Parameter for cap       31     nap     Parameter for cap       32     oap     Parameter for cap       33     cpwd     Parameter for cup       44     nup     Parameter for cup       42     ap     Parameter for cup       43     cpwd     Parameter for cup       44     dump     Parameter for cup       45     d-read     Parameter for cup       44     dump     Dum Operation Pag       50     d-read     Read dump from File Vol admin password       45     d-read     Read dump from File Vol admin password       46     d-write     Write dump from File Vol admin password       47     bo     Bool/De admin password       48     bo-i     Dump Operation Pag       50     bo-id     Should be in all Dump Parameter dile name       47     bo     Bool/Order Management Flag       50     bo-bid     Should be in all Bool/Order   | 35         | e-bwp   | Enable BIOS Write Protection   |
| 37     cap     Change Admin Password<br>Usage:<br>capoap 12245nap 54321<br>Where:<br>12345 - old admin password<br>54321 - new admin password       38     cup     Change User Password<br>Usage:<br>cup -ap 12345nup 54321<br>Where:<br>12345nup 54321<br>Where:<br>12345nup 54321       39     oap     Parameter for cap<br>Old admin password       40     nap     Parameter for cap<br>New amin password       41     nup     Parameter for cap<br>New amin password       42     ap     Parameter for cap<br>New user password       43     Cpwd     Parameter for cap<br>New user password       44     dump     Dump Operation Flag<br>Should be in all Dump Read/Write commands.       45     d-read     Read dump from BIOS to File<br>Usage:<br>dump -d-read -dilename><br>Where:<br>dilename>- absolute or relative file name       46     d-write     Write dum prom File to BIOS<br>Usage:<br>dump -d-vrite -filename><br>Where:<br>bo-ibo-i       48     bo-i     Show BootOrder Management Flag<br>Should be in all BootOrder commands.       50     bo-bi     Parameter for bo-bi       51     bo-bi     Show Wist With BootOrder and BootOption indexes for<br>specified BootOrder Element<br>Usage:<br>bobo-bi       52     bo-dl     Show Wist With BootOrder and BootOption indexes for<br>specified BootOption index form bo-bi   | 36         | d-bwp   | Disable BIOS Write Protection  |
| Image: Instant and the set of the set o | 37         | сар     | Change Admin Password  |
| -cap - ap 12345 - nap 54321<br>Where:<br>12345 - old admin password<br>54321 - new admin password38cupChange User Password<br>Usage:<br>-cup - ap 12345 - nup 54321<br>Where:<br>12345 - admin password39oapParameter for cap<br>0 diadnin password40napParameter for cap<br>New amin password41nupParameter for cup<br>New user password42apParameter for cup<br>New user password43cpwdParameter for cup<br>New user password44uupParameter for cup<br>New user password43cpwdParameter for cup<br>New user password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BloS to Fle<br>Usage:<br>-dump -d-read cfle.name><br>Where:<br><br>-dump -d-read cfle.name><br>Where:<br>-dump -d-read cfle.name><br>Where:<br>-dile.name>- absolute or relative file name48bo-iShow BootOrder and BootOption indexes<br>Usage:<br>-bo-io-i050bo-bolParameter for cup<br>-bo-io-i051bo-bolShow Ist with BootOrder and BootOption indexes<br>Usage:<br>-bo-bo-i052bo-dlShow Ist with BootOrder and DevecOption indexes for<br>specific BootOrder Element<br>Usage:<br>-bo-bo-d052bo-dlShow Ist with Boot   |            |         | Usage:   |
| andwither<br>12385 - old admin password<br>54321 - new admin password38cupChange User Password<br>Usage:<br>- cup - ap 12345 - nup 54321<br>Where:<br>12345 - admin password39oupParameter for cap<br>Parameter for cap<br>New amin password40napParameter for cap<br>New amin password41nupParameter for cap<br>New amin password42apParameter for cap<br>New amin password43cpwdParameter for cap<br>New amin password44dumpParameter for cap<br>New amin password43cpwdParameter for cap<br>New amin password44dumpDum Operation Flag<br>Should be in all Dump Read/Write commands<br>Hoad and prom Blos to Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from Blos to Flag<br>Should be in all Dump Read/Write commands<br>Where:<br>- dump - d-read effle.name><br>Where:<br>- dump - d-read effle.name><br>- dump - d-read effle.name><br>Where:<br>- dump - d-read effle.name><br>- dump - d-read effle.name> <br< th=""><td></td><td></td><td>capoap 12345nap 54321</td></br<>   |            |         | capoap 12345nap 54321  |
| Image: cup54321 - new adminipassword38cupChange User Password<br>Usage:<br>-cup -ap 12345 - nup 54321<br>Where:<br>12345 - admin password39oapParameter for cap<br>Old admin password40napParameter for cap<br>New aum password41nupParameter for cup<br>New assin password42apParameter for cup<br>New assin password43cpwdParameter for cup<br>New assin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from File to BIOS<br>Usage:<br>-dump -d-read <file.name><br/>Where:<br/>-dump -d-read <file.name><br/>Where:<br/>-dump -d-read <file.name><br/>Where:<br/>-dump -d-read <file.name><br/>Where:<br/>-dump -d-read selos dum password46d-writeWrite dump from File to BIOS<br/>Usage:<br/>-dump -d-read selos dum password47boBoordorder Managemen Flag<br/>Should be in all Dump Operation Flag<br/>Should be in all Dump Commands48bo-iShow Bordorder Info<br/>Usage:<br/>-dump -d-read selos dum pass<br/>-dump -d-read selos dum pass<br/>-dump -d-read selos dum password49bo-ibShow Bordorder Info<br/>Usage:<br/>-bo-ib-ib50bo-boParameter for bo-bu<br/>Boordorder Managemen Flag<br/>Should be in all Dump Commands51bo-buUpdate Boordorder Element<br/>Usage:<br/>-bo-bo-ib52bo-dilShow Boorder Element<br/>Usage:<br/>-bo-bo-ib52bo-dilShow Isit with Boordore Info<br/>Usage:<br/>-bo-bo-du<br/>-bo-bo-du<br/>-bo-bo-du52bo-dilShow Isit with Boordorelement<br/>Usage:<br/>-bo-</file.name></file.name></file.name></file.name>  |            |         | where:<br>12345 – old admin password   |
| 38       cup       Change User Password<br>Usage:<br>cup -ap 12345 - aup 54321<br>Where:<br>12345 - admin password<br>54321 - new user password         39       oap       Parameter for cap<br>New amin password         40       nap       Parameter for cap<br>New amin password         41       nup       Parameter for cap<br>New amin password         42       ap       Parameter for cup<br>Administrator password         43       cpwd       Parameter for any command, required admin password for<br>BIOS         44       dump       Dump Operation Plag<br>Stoudb be in all Dump Read/Write commands         45       d-read       Read dump from BIOS to File<br>Usage:<br>dump -d-write cflename><br>Where:<br>-dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>dump -d-write cflename><br>Where:<br>dump -d-write cflename><br>dump -d-write cflename><br>dumpd-write cflename><br>dumpd-   |            |         | 54321 – new admin password   |
| Usage:<br>-cup-ap12345 -nup 54321<br>Where:<br>12345 - admin password<br>54321 - new user pasword39oapParameter for cap<br>New user password40napParameter for cap<br>New user password41nupParameter for cap<br>Administrator password42apParameter for cap<br>Administrator password43cpwdParameter for cap<br>New user password44dumpParameter for any command, required admin password for<br>BIOS<br>Usage:<br>-command>-your commandsit<br>12345 - BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>-dump -d-read sfile.name><br>Where:<br>-dimp -d-read sfile.name><br>Where:<br>-dump -d-write sfile.name><br>Write dump for blo<br>Usage:<br>-bo-bo-bl50bo-blShow BootOrder Indo<br>Usage:<br>-bo-bo-bl51bo-duUpdate BootOrder Element<br>   | 38         | cup     | Change User Password   |
| CUP -4P 1/245 - JUP 342/1         Where:         12345 - Jup very password         39       oap         40       nap         41       nup         Parameter for cap         New amin password         41       nup         Parameter for cap         New amin password         42       ap         Parameter for cup         New user password         Parameter for any command, required admin password         Parameter for any command, required admin password for BIOS         Usage:       -command> - your commands required admin password         Variation password       Parameter for any command, required admin password         44       dump       Dury commands - your commands required admin password         Usage:       -command> - your commands ist         12345 - BIOS admin password       Usage:         - read       Read dump form BIOS to File         Usage:       -dump -d-read (file name>         Where:       -file admp -d-read (file name>         -46       d-write       Write dump from File to BIOS         Usage:       -bo-bo-i       -bo-bo-i         -47       bo       Show BootOrder Info         Usage:       -   |            |         | Usage:   |
| 12345 - admin password       39     oap       40     nap       41     nup       42     ap       43     Cpwd       44     nup       45     Parameter for cup       7     New amin password       44     dump       8     d-read       8     d-read       9     Parameter for cup       9     New aer password       43     cpwd       9     Parameter for cup       9     Administrator password       43     cpwd       9     Parameter for any command, required admin password for BIOS       9     BOS       9     Variatistrator password       44     dump       9     Dump Operation Flag       9     Should be in all Dump Read/Write commands       45     d-read       9     Read dump from BIOS to File       9     Usage:       9     Admin password       46     d-write       9     Bool Order Management Flag       9     Bool Order Management Flag       9     bo-i       9     bo-bi       9     bo-bi       9     Parameter for bo-bu       9     Bool Order H   |            |         | cupap 12345nup 54321<br>Where:   |
| 39oap54321 - new user password39oapParameter for cap<br>Old admin password40napParameter for cap<br>New user password41nupParameter for cap<br>New user password42apParameter for cup<br>  |            |         | 12345 – admin password   |
| 39oapParameter for cap<br>Old admin password40napParameter for cap<br>New amin password41nupParameter for cup<br>New user password42apParameter for cup<br>Administrator password43cpwdParameter for cup<br>Administrator password44dumpParameter for any command, required admin password for<br>BIOS<br>Usage:<br>-command> -cpwd 12345<br>Where:<br>-command> -cpwd 1234544dumpDump Operation Hag<br>Should be in al Dump Real/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>-dump -d-read <file.name><br/>Where:<br/><file.name> -absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>-dump -d-write <file.name><br/>Where:<br/><file.name> -absolute or relative file name47boShow Bootrder Info<br/>Should be in al Bootrder commands48bo-iShow Bootrder Info<br/>Usage:<br/>-ub -ub-oi49bo-blShow Bootrder Info<br/>Usage:<br/>-ub -ub-oi51bo-buParameter for bo-bu<br/>Bootrder index from bo-bl<br/>1 -BootOption indexes for<br/>specified Bootrder element<br/>Usage:<br/>-ub -ub-oi52bo-dlShow Witt with BootOrder element<br/>Usage:<br/>-ub -ub-oi53bo-dlShow Witt with BootDevice and DeviceOption indexes for<br/>specified Bootrder element<br/>Usage:<br/>-ub -ub-oi54bo-dlShow Witt with BootDevice and DeviceOption indexes for<br/>specified Bootrder element<br/>Usage:<br/>-ub -ub-oil 0</file.name></file.name></file.name></file.name>  |            |         | 54321 – new user password  |
| 40napOld admin password41nupParameter for cap<br>New user password42apParameter for cup<br>Administrator password43cpwdParameter for cup<br>Administrator password43cpwdParameter for any command, required admin password for<br>BIOS<br>Usage:<br><command/> -cpwd 12345<br>Where:<br><command/> -cpwd 12345<br>Where:<br><command/> -cpwd 1234544dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>-dump-d-read <file.name><br/>Where:<br/><command/>- dwrite file.name&gt;<br/>Where:<br/><commands< td="">46d-writeWrite commands47boBootOrder relative file name48bo-iShould be in all BootOrder commands49bo-blShow BootOrder Info<br/>Usage:<br/>-bo-abo-i50bo-boiParameter for bo-bu<br/>BootOption indexes<br/>Usage:<br/>-bo-abo-i51bo-duUpdate BootOrder Element<br/>Usage:<br/>-bo-abo-i052bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i052bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i053bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i054bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i055bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i056bo-duShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i057bo-dlShow Ist with BootOrder element<br/>Usage:<br/>-bo-abo-i056bo-dlS</commands<></file.name>  | 39         | oap     | Parameter for cap  |
| 40       nap       Parameter for cap         41       nup       Parameter for cup         42       ap       Parameter for cup         43       cpwd       Parameter for cup         443       cpwd       Parameter for cup         444       dump       Parameter for any command, required admin password for BIOS         Usage:       -command>cpwd 12345         -command>your commandslist       12345 - BIOS admin password         444       dump       Dump Operation Flag         Should be in all Dump Head/Write commands       Read dump from BIOS to File         Usage:      dump -d-read <file.name>         -dread       Write dump from File to BIOS         46       d-write       Write dump from File to BIOS         47       bo       BootOrder Management Flag         Should be in all BootOrder commands       Should be in all BootOrder commands         48       bo-i       Should be in all BootOrder commands         49       bo-bl       Should be in all BootOrder commands         50       bo-boi       Parameter for bo-bu         51       bo-bu       Parameter for bo-bu         52       bo-dl       Show list with BootOrder and BootOption indexes for specified BootOrder index from bo-bl</file.name>  |            |         | Old admin password   |
| 41nupParameter for cup<br>New user password42apParameter for cup<br>Administrator password43cpwdParameter for any command, required admin password for<br>BIOS<br>Usage:<br><command/> - cpwd 12345<br>Where:<br><command/> - cpwd 12345<br>Where:<br><command/> - cpwd 12345<br>Where:<br><command/> - cpwd 1234544dumpDump Operation Plag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>-dump -d-read <file.name><br/>Where:<br/><fi><deneme< td="">46d-writeWrite dump from File to BIOS<br/>Usage:<br/>-dump -d-write <file.name><br/>Where:<br/><file.name> - absolute or relative file name47boBootOrder Info<br/>Usage:<br/>-bo-bo-i48bo-iShow BootOrder Info<br/>Usage:<br/>-bo-bo-i50bo-blShow Nist with BootOrder and BootOption indexes<br/>Usage:<br/>-bo-bo-i51bo-buUpdate BootOrder Info<br/>Usage:<br/>-bo-bo-bi52bo-dlShow Ist with BootOrder and BootOption indexes for<br/>specified BootOrder cent<br/>Usage:<br/>-bo-bo-bi52bo-dlShow Ist with BootOrder and BootOption indexes for<br/>specified BootOrder cent<br/>Usage:<br/>-bo-bo-bi53bo-dlShow Ist with BootOrder and BootOption indexes for<br/>specified BootOrder cent<br/>Usage:<br/>-bo-bo-bi54bo-dlShow Ist and BootOrder cent<br/>Usage:<br/>-bo-bo-bi55bo-dlShow Ist off BootOrder cent<br/>Usage:<br/>-bo-bo-dl 0</file.name></file.name></deneme<></fi></file.name>   | 40         | nap     | Parameter for cap  |
| 41ImpInteraction of the parameter for cup<br>Administrator password42apParameter for cup<br>Administrator password43cpwdParameter for any command, required admin password for<br>BIOS<br>Usage:<br><br><command/> cpwd 12345<br>Where:<br><command/> -your commandslist<br>12345 > BIOS admin password44dumpDum Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-read second<br/>where:<br/><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo -io49bo-blShow BootOrder Info<br/>Usage:<br/>bo -bo-i50bo-boiParameter for bo-bu<br/>BootOrder for bo-bu<br/>BootOrder Commands51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo -bo-bi52bo-dlShow Its with BootOrder and BootOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bo -bo-bi52bo-dlShow Its with BootOrder and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bo -bol</file.name></file.name></file.name>  | 41         | חווח    | Parameter for cun  |
| 42apParameter for cup<br>Administrator password43cpwdParameter for any command, required admin password for<br>BIOS<br>Usage: <command/> -your commandslist<br>12345 - BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage: <due all="" be="" dump="" flag<br="" in="" peration="" should="" the="" to=""></due> Should be in all Dump Peration Flag46d-writeWrite dump from BIOS to File<br>Usage:<br>-dump -d-read <file.name><br/>Where: <file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage: <br/>-bo-io49bo-blShow Ist with BootOrder and BootOption indexes<br/>Usage: <br/>-bo-bo-i50bo-buUpdate BootOrder Element<br/>Usage: <br/>-bo-obo-151bo-buUpdate BootOrder Isle<br/>Usage: <br/>-bo-bo-bi52bo-dlShow Islow Where: <br/>-bo-dl 0</file.name></file.name>   | 41         | nup     | New user password  |
| Administrator password43cpwdParameter for any command, required admin password for<br>BIOS<br>Usage:<br><command/> cpwd 12345<br>Where:<br><command/> -your commandslist<br>12345 = BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump-d-read <file.name><br/>Where:<br/><di>d-write46d-writeRead dump from File or BIOS<br/>Usage:<br/>dump-d-read <file.name><br/>Where:<br/><di>d-write47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo-bol50bo-bolShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bo-bol51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-bol 052bo-dlShow list with BootOrder commonds<br/>Show list with BootOrder Element<br/>Usage:<br/>bo-bol 1<br/>- BootOrder element<br/>Usage:<br/>bo-bol 1<br/>BootOrder element<br/>Usage:<br/>bo-dol 0</di></file.name></di></file.name>  | 42         | ap      | Parameter for cup  |
| 43       cpwd       Parameter for any command, required admin password for BIOS         BIOS       BIOS       Usage: <command/> cpwd 12345       Where: <command/> cpwd 12345       Where:         2345       BIOS admin password         44       dump       Dump Operation Flag         45       d-read       Read dump from BIOS to File         Usage:      dump -d-read sfile.name>         -dump -d-read solute or relative file name         46       d-write         47       bo         80       BootOrder Management Flag         Should be in all DootOrder commands         48       bo-i         49       bo-i         50       bo-bol         51       bo-bu         52       bo-dl  |            |         | Administrator password   |
| BIOS<br>Usage:<br><command/> cpwd 12345<br>Where:<br><command/> pwd 12345<br>Where:<br><command/> pwd 12345<br>Where:<br><command/> pwd 12345<br>Where:<br><command/> powl 1234544dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name>- absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-write <file.name><br/>Where:<br/><file.name>- absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo-ib49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bo-bo-bl50bo-boBootOrder for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-ibo-bu -bo-bi52bo-dlShow list with BootOrder element<br/>Usage:<br/>bo-ibo-bi 1<br/>- bo-ibo-bi 1<br/>- bo-ibo 1<br/>- bo-ibo 1<br/>- bo-ibo 1<br/>- bo-ibo 1<br/>- bo-ibo 1<br/>- bo-ib 1<br/>- bo-ibo 1<br< th=""><td>43</td><td>cpwd</td><td>Parameter for any command, required admin password for</td></br<></file.name></file.name></file.name></file.name>   | 43         | cpwd    | Parameter for any command, required admin password for                             |
| 44dumpcommand>cpwd 12345<br>Where:<br><br><br>commands - your commandslist<br>12345 - BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name> absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-write <file.name><br/>Where:<br/><file.name> absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo-ibo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bo-bo-li50bo-bolParameter for bo-bu<br/>BootOrder Info<br/>Usage:<br/>bo-bo-li51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-bo-li52bo-dlShould be wit with with obotOrder element<br/>Usage:<br/>bo-dl 052bo-dlShould be wit with with with with BootOrder element<br/>Usage:<br/>bo-bo-li</file.name></file.name></file.name></file.name>   |            |         | BIO2   |
| Where:<br><command/> - your commandslist<br>12345 = BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from BIOS<br/>Where:<br/><fi>d-write47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo-bo-bi49bo-iShow BootOrder Info<br/>Usage:<br/>bo-bo-bi50bo-bolShow Ist with BootOrder and BootOption indexes<br/>Usage:<br/>bo-bo-bi51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-bo-bi52bo-dlShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi52bo-dlShow Ist with BootOrder element<br/>Usage:<br/>bo-bo-bi52bo-dlShow Ist with BootOrder element<br/>Usage:<br/>bo-bol53bo-dlShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi54bo-dlShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi54bo-duShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi55bo-duShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi56bo-duShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi57bo-duShow Ist with BootOrder Element<br/>Usage:<br/>bo-bo-bi58bo-dlShow Ist with BootOrder element<br/>Usage:<br/>bo-bo-bi59bo-duShow Ist with BootOrder element<br/>Usage:<br/>bo-bo-li</fi></file.name></file.name>  |            |         | <command/> cpwd 12345  |
| 44dump<br>2245 - BIOS admin password44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-write <file.name><br/>where:<br/><file.name> - absolute or relative file name47boBootforer Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo -bo-i49bo-blShow NotOrder and BootOption indexes<br/>Usage:<br/>bo -bo-i50bo-buParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-bol52bo-dlShow list with BootOrder index from bo-bl<br/>1 - BootOption indexes for<br/>specified BootOrder index from bo-bl<br/>1 - BootOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bo -bo-l52bo-dlShow list with BootOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bo -bo-dl 0</file.name></file.name></file.name></file.name>   |            |         | Where:   |
| 44dumpDump Operation Flag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>dump-d-read <file.name><br/>Where:<br/><file.name>- absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump-d-vrite <file.name><br/>Where:<br/><file.name>- absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bobo-i49bo-blShow BootOrder Info<br/>Usage:<br/>bobo-l50bo-buBootOrder Element<br/>Usage:<br/>bo -bo-bl51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo-bo-bl52bo-dlShow list with BootOrder and DeviceOption indexes for<br/>specified BootOrder index from bo-bl<br/>1 - BootOption index from bo-bl</file.name></file.name></file.name></file.name>   |            |         | <command/> - your commandslist   |
| 44dumpDump Operation Plag<br>Should be in all Dump Read/Write commands45d-readRead dump from BIOS to File<br>Usage:<br>-dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>-dump -d-write <file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>-bo -bo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>-bo -bo-bl50bo-boDootOrder for bo-bu<br/>BootOption index51bo-buUpdate BootOrder Element<br/>Usage:<br/>-bo-bo-bi 1<br/>Where:<br/>O - BootOrder index from bo-bl<br/>1 - BootOption index from bo-bl<br/>1 - BootOption index from bo-bl52bo-dlShow list with BootOrder element<br/>Usage:<br/>-bobo-dl 0</file.name></file.name></file.name>  | <u> </u>   |         | 12345 – BIOS admin password  |
| 45d-readRead dump from BIOS to File<br>Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-write <file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo-i49bo-blShow Ist with BootOrder and BootOption indexes<br/>Usage:<br/>bo-bo-li50bo-boiParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bobo-i52bo-dlShow list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-il52bo-dlShow list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-il</file.name></file.name></file.name>   | 44         | dump    | Dump Operation Flag<br>Should be in all Dump Read /Write commands                  |
| Usage:<br>dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br>Usage:<br/>dump -d-write <file.name><br/>Where:<br/><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bobo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bobo-i50bo-boiParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bobo-bi52bo-dlShow list with BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name></file.name></br></file.name></file.name>   | 45         | d-read  | Read dump from BIOS to File  |
| dump -d-read <file.name><br/>Where:<br/><file.name> - absolute or relative file name46d-writeWrite dump from File to BIOS<br/>Usage:<br/>dump -d-write <file.name><br/>where:<br/><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo -i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bobo-i50bo-boiParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bobo-bi52bo-dlShow list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name></file.name></file.name></file.name>  | 10         |         | Usage:   |
| 46       d-write          46       d-write       Write dump from File to BIOS<br>Usage:<br>dump -d-write <file.name><br/>Where:         47       bo       BootOrder Management Flag<br/>Should be in all BootOrder commands         48       bo-i       Show BootOrder Info<br/>Usage:<br/>bobo-i         49       bo-bl       Show list with BootOrder and BootOption indexes<br/>Usage:<br/>bobo-i         50       bo-boi       Parameter for bo-bu<br/>BootOption Index         51       bo-bu       Update BootOrder Element<br/>Usage:<br/>bobo-bi         52       bo-dl       Show list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name>  |            |         | dump -d-read <file.name></file.name>   |
| 46d-writeWrite dump from File to BIOS<br>Usage:<br>dump -d-write <file.name><br/>Where:<br/><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo -ibo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bo -bo-i50bo-boiParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo -bo-bi 1<br/>Where:<br/>0 - BootOption index from bo-bl52bo-dlShow list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bo -bo-dl 0</file.name></file.name>   |            |         | Where:   |
| 10Usage:<br>dump -d-write <file.name><br/>Where:<br/><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bo -i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bo -bo-i50bo-boiParameter for bo-bu<br/>BootOrder Element<br/>Usage:<br/>bo -bo-bol51bo-buUpdate BootOrder Element<br/>Usage:<br/>bo -bo-bo 152bo-dlShow list with BootDrevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name></file.name>   | 46         | d-write | Write dump from File to BIOS   |
| dump -d-write <file.name><br/>Where:<br/><file.name> absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bobo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bobo-bl50bo-boiParameter for bo-bu<br/>BootOption Index51bo-buUpdate BootOrder Element<br/>Usage:<br/>bobo-i052bo-dlShow list with BootDevice and DeviceOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name></file.name>   | 10         |         | Usage:   |
| Where:<br><file.name> - absolute or relative file name47boBootOrder Management Flag<br/>Should be in all BootOrder commands48bo-iShow BootOrder Info<br/>Usage:<br/>bobo-i49bo-blShow list with BootOrder and BootOption indexes<br/>Usage:<br/>bobo-bl50bo-boiShow list with BootOrder Info<br/>Usage:<br/>bobo-i51bo-buUpdate BootOrder Element<br/>Usage:<br/>bobo-bi 1<br/>Where:<br/>0 - BootOrder index from bo-bl<br/>1 - BootOption indexes for<br/>specified BootOrder element<br/>Usage:<br/>bobo-dl 0</file.name>   |            |         | dump –d-write <file.name></file.name>  |
| 47boBootOrder Management Flag<br>Should be in all BootOrder commands48bo-iShow BootOrder Info<br>Usage:<br>boi49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bobo-bl50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bobo-i52bo-dlShow list with BootDorder and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobol52bo-dlShow list with BootDorder element<br>Usage:<br>bobo-dl  |            |         | Where:   |
| 47boShould be in all BootOrder commands48bo-iShow BootOrder Info<br>Usage:<br>bobo-i49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bobo-l49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bobo-l50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bobo-bu 052bo-dlShow list with BootOrder element<br>Usage:<br>bobo-dl 0  | 4.7        | bo      | RootOrder Management Flag  |
| 48bo-iShow BootOrder Info<br>Usage:<br>bo-i49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bo-bo-l50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bo -bo-bu 0bo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl52bo-dlShow list with BootOrder element<br>Usage:<br>bobo-dl 0   | 47         |         | Should be in all BootOrder commands  |
| 49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bobo-bl50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bobo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl52bo-dlShow list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0  | 48         | bo-i    | Show BootOrder Info  |
| 49bo-blShow list with BootOrder and BootOption indexes<br>Usage:<br>bobo-bl50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bobo-bu 0bo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl52bo-dlShow list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0   |            |         | Usage:   |
| 49       bo-bl       Show list with BootOrder and BootOption indexes<br>Usage:<br>bobo-bl         50       bo-boi       Parameter for bo-bu<br>BootOption Index         51       bo-bu       Update BootOrder Element<br>Usage:<br>bobo-bi 0bo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl<br>1 - BootOption index from bo-bl         52       bo-dl       Show list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0   |            |         | D0D0-1   |
| 49       borbit       Show hist with bootorder and bootophon indexes         50       borbit       Parameter for borbut         50       borbit       Parameter for borbut         BootOption Index       BootOption Index         51       borbut       Update BootOrder Element         Usage:       -rborborbut         -rborborbut       Update BootOrder Element         Usage:       -rborborbut         -rborborbut       Update BootOrder index from borbut         51       borbut       Update BootOrder element         Usage:       -rborborbut       0 - BootOrder index from borbut         1 - BootOption index from borbut       1 - BootOption index from borbut         52       bordl       Show list with BootDevice and DeviceOption indexes for specified BootOrder element         Usage:       -rborbordl       -rborbordler element         Usage:       -rborbordl       -rborbordler element  | 40         | ho-hl   | Show list with BootOrder and BootOption indexes                                    |
| 50       bo-boi       Parameter for bo-bu<br>BootOption Index         51       bo-bu       Update BootOrder Element<br>Usage:<br>bobo-bu 0bo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl         52       bo-dl       Show list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0  | 49         |         | Usage:   |
| 50bo-boiParameter for bo-bu<br>BootOption Index51bo-buUpdate BootOrder Element<br>Usage:<br>bobo-bu 0bo-boi 1<br>Where:<br>0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl52bo-dlShow list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0  |            |         | bobl   |
| 51       bo-bu       Update BootOrder Element         Usage:      bobo-bu 0bo-boi 1         Where:       0 - BootOrder index from bo-bl         1 - BootOption index from bo-bl       1 - BootOption index from bo-bl         52       bo-dl       Show list with BootDevice and DeviceOption indexes for specified BootOrder element         Usage:      bobo-dl 0      bobo-dl 0   | 50         | bo-boi  | Parameter for bo-bu  |
| 51       Update BootOrder Element         Usage:      bobo-bu 0bo-boi 1         Where:       0 - BootOrder index from bo-bl         1 - BootOption index from bo-bl       1 - BootOption index from bo-bl         52       bo-dl       Show list with BootDevice and DeviceOption indexes for specified BootOrder element         Usage:      bobo-dl 0      bobo-dl 0   |            | ha hu   | BootOption Index   |
| 52       bo-dl       Show list with BootDevice and DeviceOption indexes for specified BootOrder element Usage:        bobo-dl 0      bobo-dl 0   | 51         | bo-bu   | Update BootUrder Element   |
| 52       bo-dl         Where:       0 - BootOrder index from bo-bl         1 - BootOption index from bo-bl         Show list with BootDevice and DeviceOption indexes for specified BootOrder element         Usage:        bobo-dl 0  |            |         | bobo-bu 0bo-boi 1  |
| 52       bo-dl       0 - BootOrder index from bo-bl<br>1 - BootOption index from bo-bl         52       bo-dl       Show list with BootDevice and DeviceOption indexes for<br>specified BootOrder element<br>Usage:<br>bobo-dl 0   |            |         | Where:   |
| 52       bo-dl       Show list with BootDevice and DeviceOption indexes for specified BootOrder element Usage:        bobo-dl 0      bobo-dl 0   |            |         | 0 - BootOrder index from bo-bl   |
| 52 bo-ul Snow list with BootDevice and DeviceOption indexes for specified BootOrder element Usage:<br>bobo-dl 0  | <b>F</b> 0 | he di   | 1 - BootOption index from bo-bl  |
| Usage:<br>bobo-dl 0  | 52         | bo-ui   | snow list with bootbevice and beviceOption indexes for specified BootOrder element |
| bo-dl 0  |            |         | Usage:   |
|  |            |         | bobo-dl 0  |



|    |        | Where:   |
|----|--------|--|
|    |        | 0 - specified BootOrder element index from bo-bl |
| 53 | bo-di  | Parameter for bo-du                              |
|    |        | BootDevice Index                                 |
| 54 | bo-doi | Parameter for bo-du                              |
|    |        | DeviceOption Index                               |
| 55 | bo-du  | Update BootDevice Element                        |
|    |        | Usage:   |
|    |        | bobo-du 0bo-di 1bo-doi 2                         |
|    |        | Where:   |
|    |        | 0 - BootOrder index from bo-dl                   |
|    |        | 1 - BootDevice index from bo-dl                  |
|    |        | 2 - DeviceOption index from bo-dl                |