



How to Make a Bootable WinPE USB Flash Drive

What do you need:

A USB drive with pre-installed WinPE OS. If you don't have one – you can download it from a link below. Bootable USB must be 16 GB or above.

<https://share.weiyun.com/5nDDba0> - here you can download a Chinese version of software to help you make bootable USB WIN PE.

Before reinstalling software on the miner – please make a copy of the system to bootable USB using Acronis True Image from the link below:

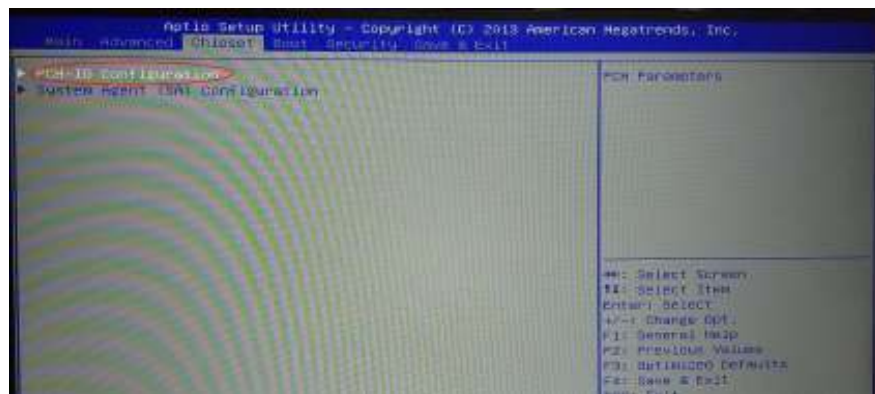
Ubuntu: <https://share.weiyun.com/5jYQzKM>

Acronis: <https://share.weiyun.com/5kX5jP9>

First, you need to adjust settings of the miner to let it start running from the bootable USB.

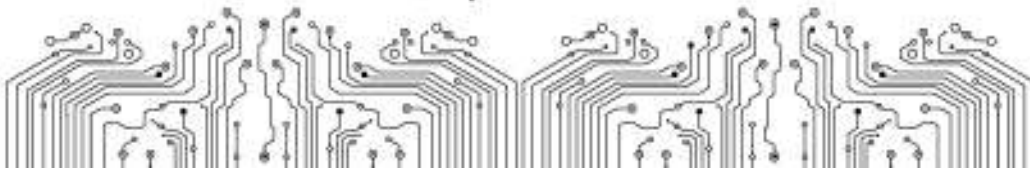
While starting the miner please push “Del” button to enter BIOS setup, then go to the Chipset menu to change PCI Express Root port 6 settings.

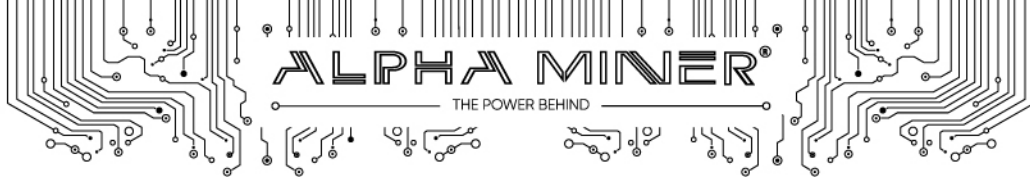
Configuration->PCI Express configuration->PCI Express Root Port 6 change position to Disable.



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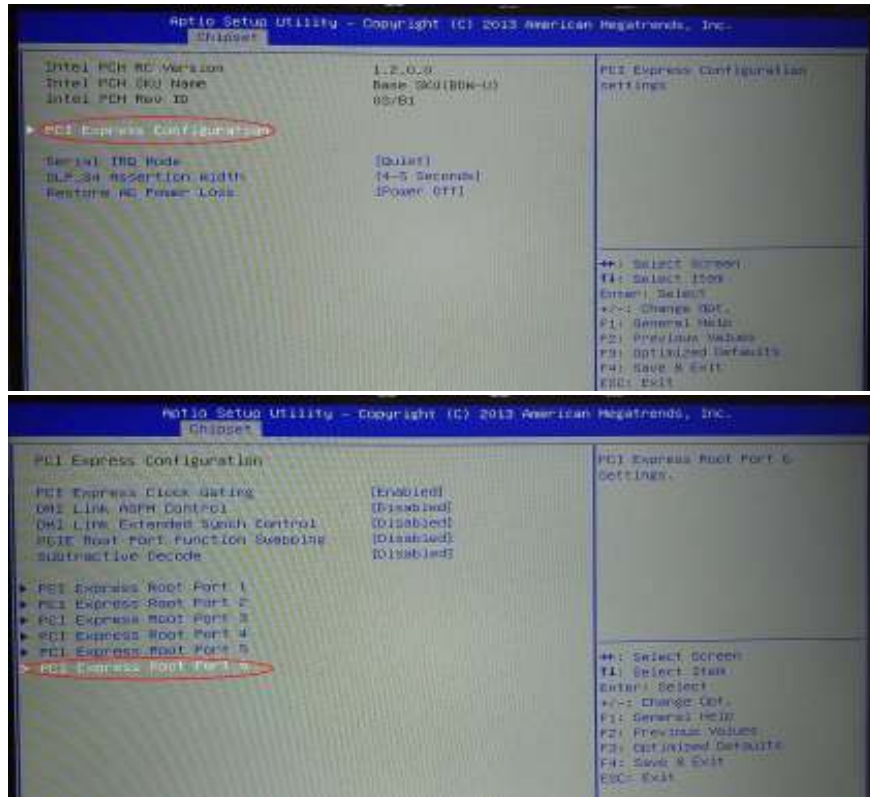
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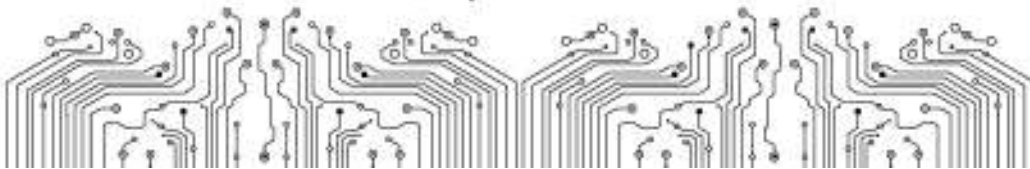
Choose Chipset, then PCH-IO Configuration, press enter to go to the next menu.

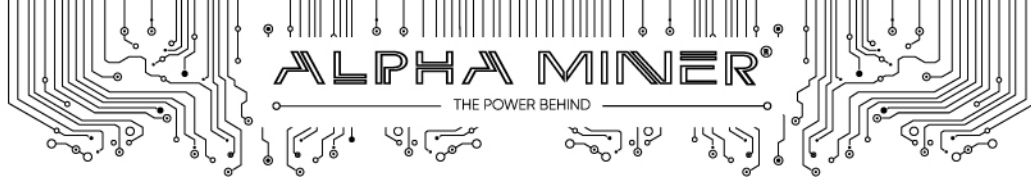
Choose PCI Express configuration and enter menu.



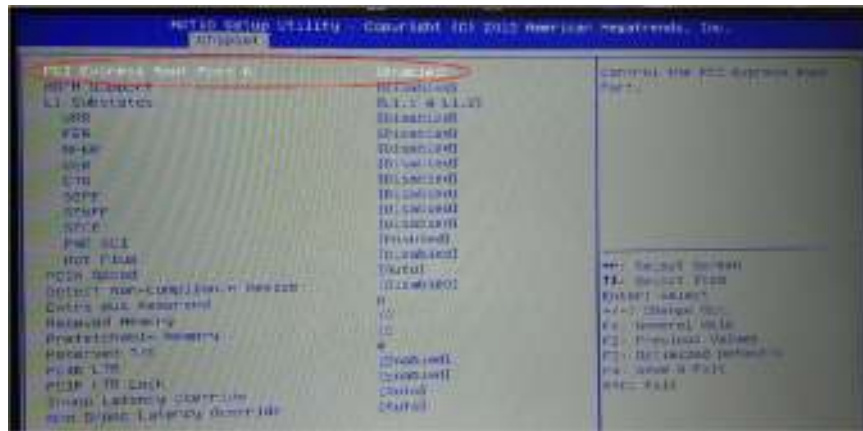
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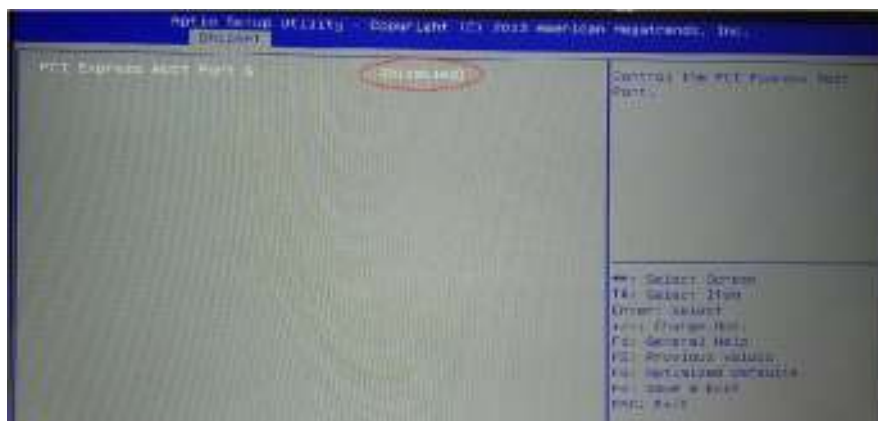
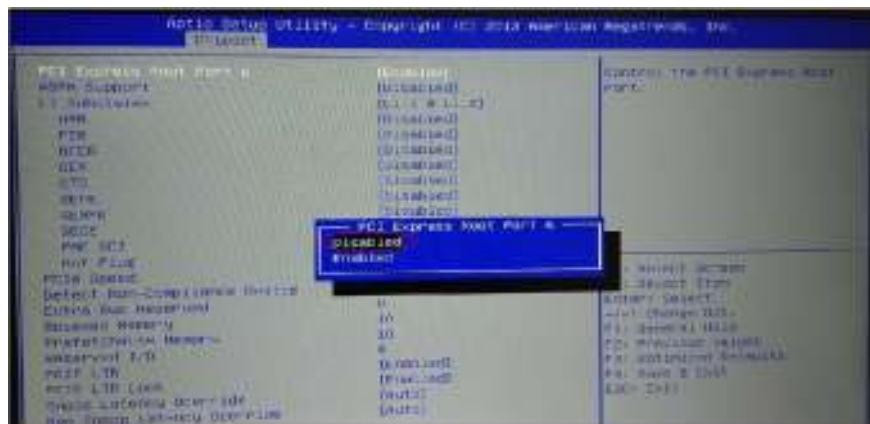





Choose PCI Express Root Port 6, press enter.

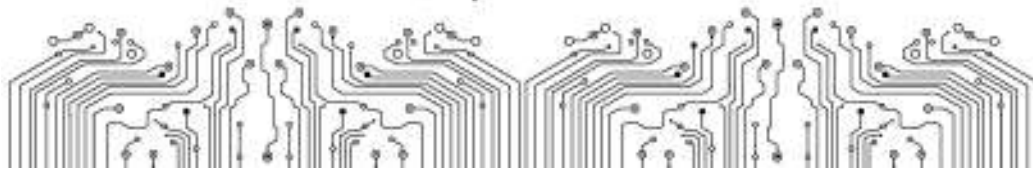


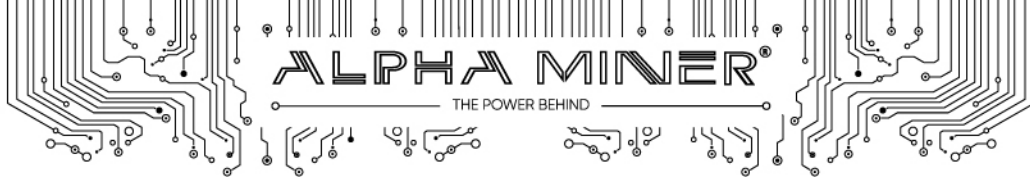
Change setting to "Disabled", then press Esc to go to upper menu.



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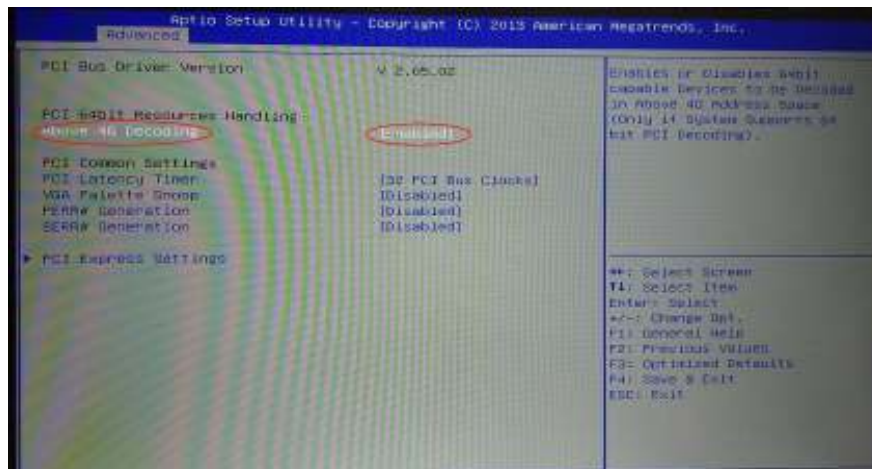
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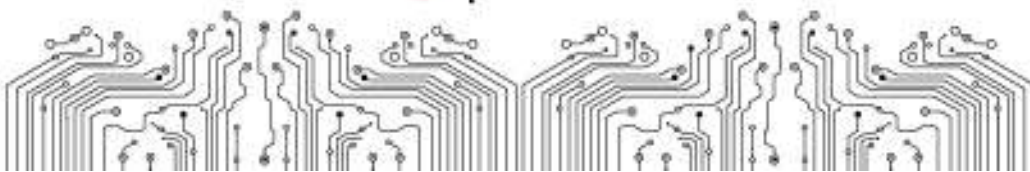
5. Go to Advanced->PCI Subsystem Settings menu and change setting "Above 4G Decoding" to "Disable".

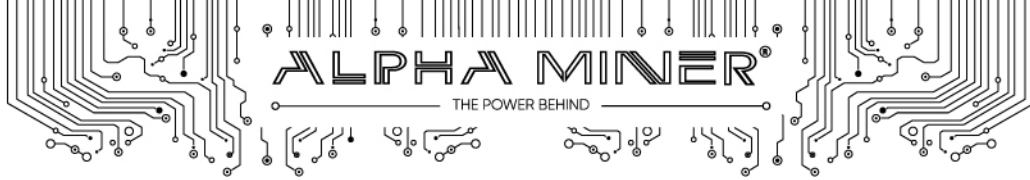
Go to Advanced menu, choose PCI Subsystem Settings and press enter to go to the next menu.



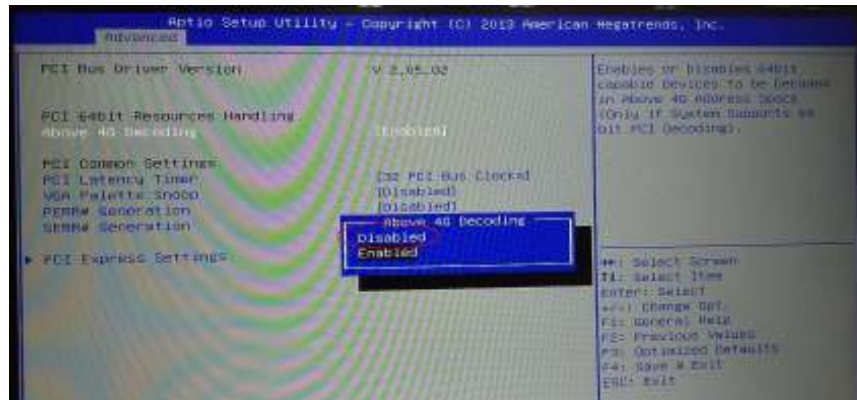
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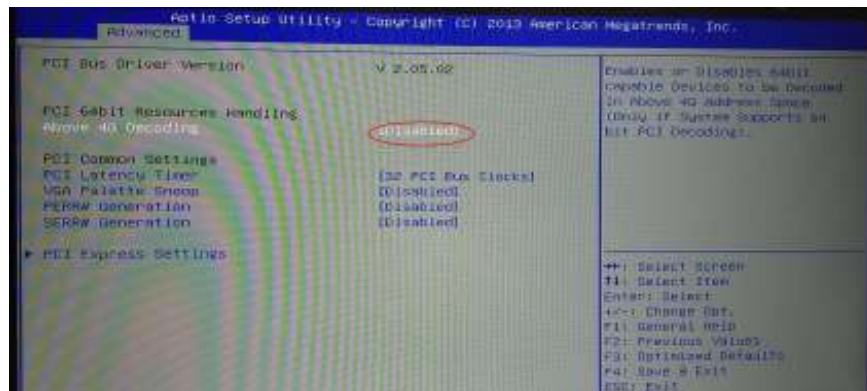





Choose "Above 4G Decoding", press Enter and set mode to "Disabled"

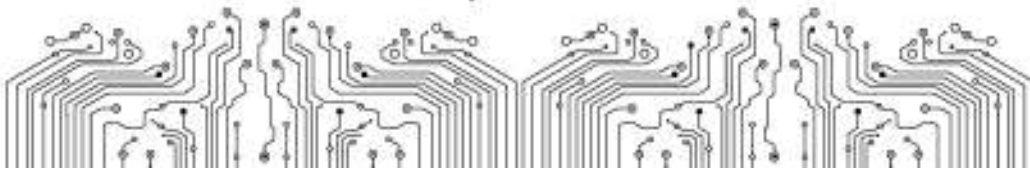


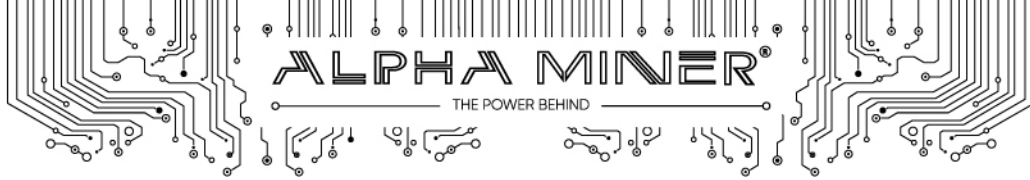
Your screen has to look like in the picture below:



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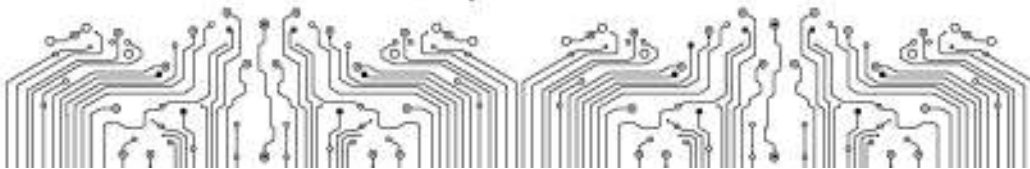


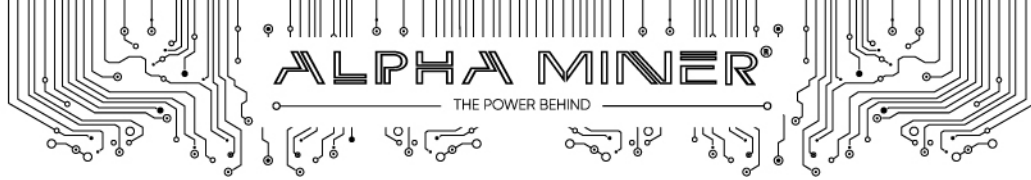
4. Choose "Restore" to restore system
5. Choose proper system to restore, named Ubuntu for Alpha.



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6. Choose the first option – restore full disk and system:

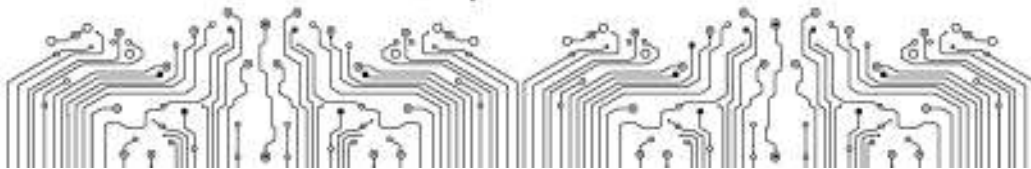


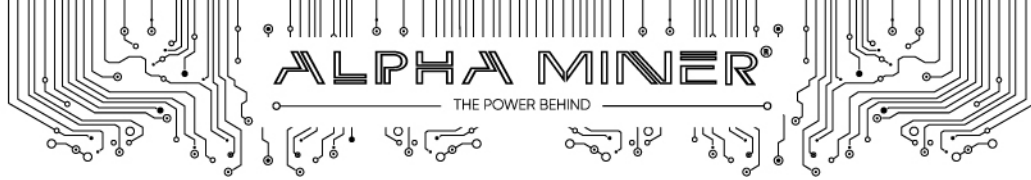
7. Choose all 3 parts to restore.



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8. Choose hard drive as a destination (it is about 60Gb, easy to find).

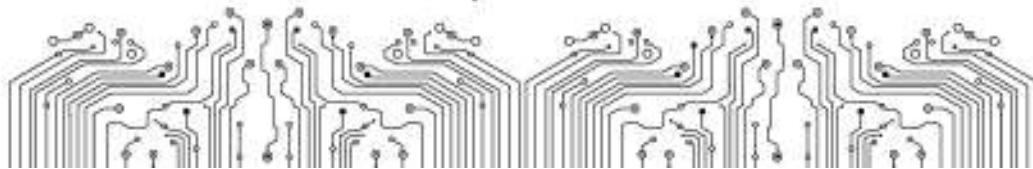


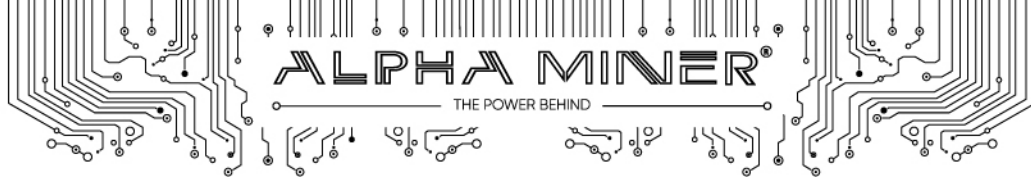
9. Choose option – Restore, but do not change the disc allocation



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10. Confirm that you chose the proper drive and start restoring process.
11. After process is finished please reboot the miner. Push DEL button to enter BIOS setup, change settings to original ones by pressing F3 button, then press F4 button to save and exit BIOS settings. Do not forget this step!



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