HOW TO: Setup PXE Boot on the BioDigitalPC® Card 9

Start/Restart your BioDigitalPC by removing and then plugging the BioDigitalPC Card into your reader

Press the DELETE key, rapidly on startup to get into the BIOS

Once in the BIOS, go to the 'Advanced' Tab by pressing the LEFT ARROW and RIGHT ARROW keys

Go down to the last option labelled 'Network Stack Configuration' and press the ENTER key

Press the UP ARROW and DOWN ARROW keys and hover over 'Enable' and press the ENTER key

Make sure IPv4 and/or IPv6 PXE Support is enabled per your PXE Server(Contact your local administrator if you don't know which one you need, or enable both)

You can also configure the 'PXE boot wait time' and 'Media detect time' as per your PXE Server. (Contact your local administrator if you don't know or leave as default)

Once that is done, press the ESCAPE key

Go to 'CSM Configuration' and press ENTER

Go down to 'Network' and hit ENTER

Select 'Legacy' and press ENTER

Finally, press the ESCAPE key to back out of that sub-menu

www.ADDC.net
support@ADDC.net
P: 516.673.4444
F: 516.673.4449

HOW TO: Setup PXE Boot on the BioDigitalPC® Card 8

Start/Restart your BioDigitalPC by removing and then plugging the BioDigitalPC Card into your reader

> Press the DELETE key, rapidly on startup to get into the BIOS

Once in the BIOS, go to the 'Advanced' Tab by pressing the LEFT ARROW and RIGHT ARROW keys

> Go down to the last option labelled 'Network Stack Configuration' and press the ENTER key
>
> Press the UP ARROW and DOWN ARROW keys and hover over 'Enable' and press the ENTER key
>
> Make sure IPv4 and/or IPv6 PXE Support is enabled per your PXE Server(Contact your local administrator if you don't know which one you need, or enable both)
>
> You can also configure the 'PXE boot wait time' and 'Media detect time' as per your PXE Server. (Contact your local administrator if you don't know or leave as default)
>
> Once that is done, press the ESCAPE key
>
> Finally, press the ESCAPE key to back out of that sub-menu

Using the LEFT ARROW and RIGHT ARROW keys, proceed to the 'Boot' tab

> Using the UP ARROW and DOWN ARROW keys, highlight, 'Network Stack Driver Support' and make sure it is enabled.
>
> Then again, using the UP ARROW and DOWN ARROW keys, go to 'CSM parameters'
>
> Using the UP ARROW and DOWN ARROW keys, highlight: 'Launch PXE OpROM policy', and set to 'Legacy only'
>
> Press ESCAPE to get back to the menu.

Finally, save changes by going to 'Save & Exit' screen and pressing the ENTER key while highlighting 'Save Changes and Exit'

Now, go back into the BIOS, and setup your boot order by going to the 'Boot' tab and selecting the Network Card as Boot Option #1 (Note: it should be there by default on first setup).

> Note: If you have PXE IPV4 and IPV6 enabled make sure they are in the order you want them to be in (Again, contact your local administrator if you do not know)

Save the changes one last time, and you're done.

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PXE Setup

HOW TO: Setup PXE Boot on the BioDigitalPC® Card 4,5,and 6

Start/Restart your BioDigitalPC by removing and then plugging the BioDigitalPC Card into your reader

> Press the DELETE key, rapidly on startup to get into the BIOS

Once in the BIOS, go to the 'Advanced' Tab by pressing the LEFT ARROW and RIGHT ARROW keys

> Go Down to the 2nd to last option labelled 'Network stack' and press the ENTER key
>
> Press the UP ARROW and DOWN ARROW keys and hover over 'Enable' and press the ENTER key
>
> Make sure IPv4 and/or IPv6 PXE Support is enabled per your PXE Server(Contact your local administrator if you don't know which one you need, or enable both)
>
> Once that is done, press the ESCAPE key

Go to the 'Boot' tab by using the LEFT ARROW and RIGHT ARROW keys

> Hover over the last option labelled 'CSM parameters' and press the ENTER key
>
> Hover over the option labelled 'Launch PXE OpROM policy' and press the ENTER key
>
> Press the DOWN ARROW key until 'Legacy only' is highlighted and press the ENTER key
>
> Once that is done, press the ESCAPE key

Again using the LEFT ARROW and RIGHT ARROW keys, go to the tab labelled 'Save and quit'

> Make sure 'Save Changed and Exit' is highlighted and press the ENTER key

On reboot, go back into the BIOS, again by rapidly pressing the DELETE key

> Again, using the LEFT ARROW and RIGHT ARROW keys go to the tab labelled: 'Boot'
>
> Using the DOWN ARROW key, highlight Boot Option #1, and press the ENTER key
>
> Under the menu that is displayed, you should now see your network card as a boot option.
>
> Hover over that boot option and press the ENTER key

Go back to the 'Save and Quit' tab and again making sure 'Save Changes and Exit' is selected press the ENTER key.

You're done! Make sure your network card has an Ethernet cable attached and your PXE Server is up and running, and you should see the PXE boot process take place.