

Executive Summary

When attempting to install Ubuntu 14.04 LTS (or superior) on an Elo X3 Rev. B AIO Touchcomputer, there will be an error displayed:

"pciport 0000:00:1c.5: PCIe Bus Error: severity=Corrected, type=Physical Layer"

Installation will never finish and will start printing multiple errors to the console.

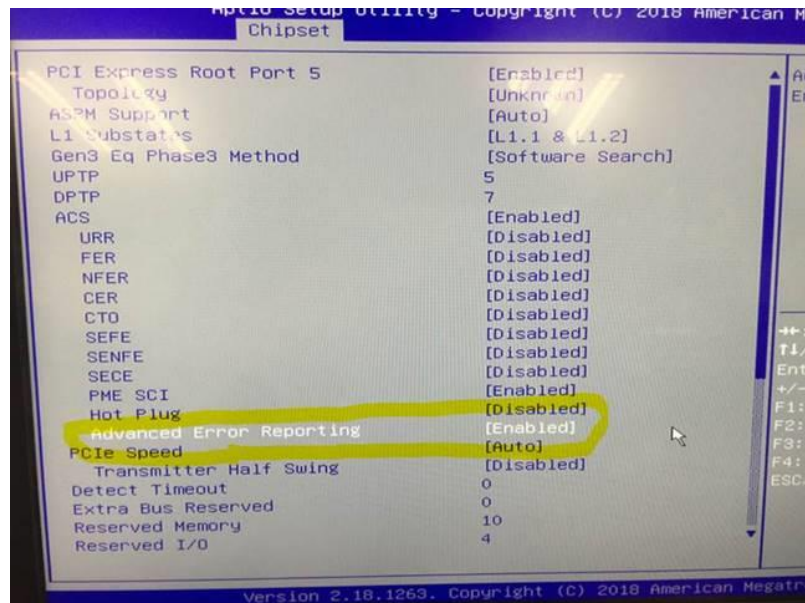
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*** 82 printk messages dropped *** [ 28.286159] pciport 0000:00:1c.0: device [0000:a115] error: status/mask=00000001/00002000
*** 82 printk messages dropped *** [ 28.286834] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 82 printk messages dropped *** [ 28.286916] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 82 printk messages dropped *** [ 28.287380] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 81 printk messages dropped *** [ 28.289477] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 87 printk messages dropped *** [ 28.289821] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 81 printk messages dropped *** [ 28.289977] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 84 printk messages dropped *** [ 28.289669] pciport 0000:00:1c.0: Device [0000:a115] error: status/mask=00000001/00002000
*** 84 printk messages dropped *** [ 28.288726] pciport 0000:00:1c.0: Device [0000:a115] error: status/mask=00000001/00002000
*** 82 printk messages dropped *** [ 28.289465] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 83 printk messages dropped *** [ 28.290156] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 83 printk messages dropped *** [ 28.290047] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 76 printk messages dropped *** [ 28.291473] pciport 0000:00:1c.0: Device [0000:a115] error: status/mask=00000001/00002000
*** 85 printk messages dropped *** [ 28.293546] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 87 printk messages dropped *** [ 28.294270] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 89 printk messages dropped *** [ 28.294929] pciport 0000:00:1c.0: Device [0000:a115] error: status/mask=00000001/00002000
*** 82 printk messages dropped *** [ 28.295519] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 79 printk messages dropped *** [ 28.296277] pciport 0000:00:1c.0: PCIe Bus Error: severity=Corrected, type=Physical Layer, id=00e0(Receive)
*** 80 printk messages dropped *** [ 28.296936] pciport 0000:00:1c.0: Device [0000:a115] error: status/mask=00000001/00002000

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Steps to correct

1. Enter the BIOS by touching the **SETUP** icon during system startup, or by pressing the **DEL** key if a physical keyboard is attached.
2. Once in the BIOS, go to *Chipset> PCH-IO Express Configuration> Mini PCI Express1/2> Advanced Error Reporting> Change to Disabled*



3. Reboot the machine and install again. Installation will finish.

NOTE: This should work for any Elo X-series Rev. B AIO Touchcomputer running Skylake graphics and attempting to install Ubuntu