


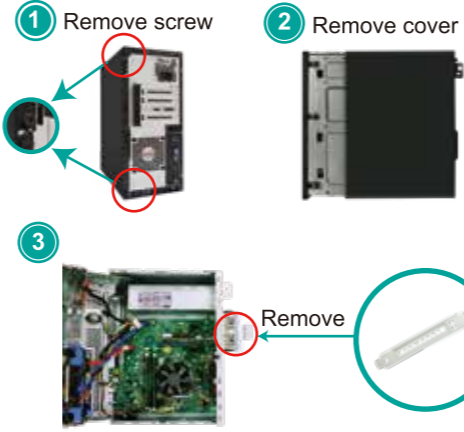
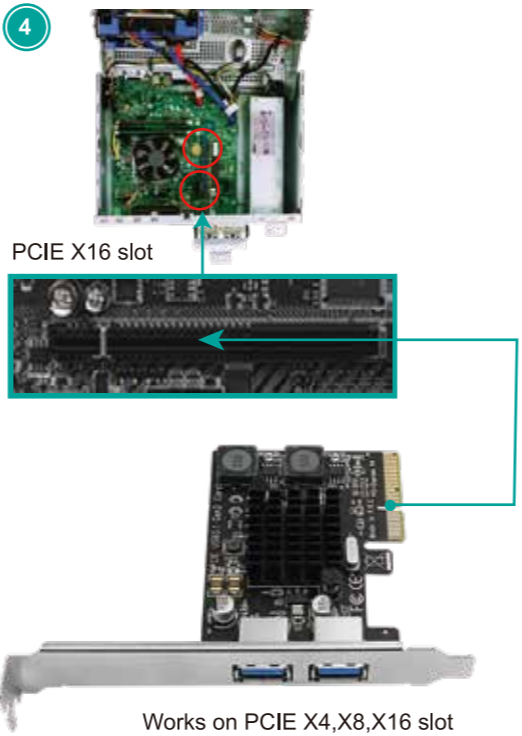

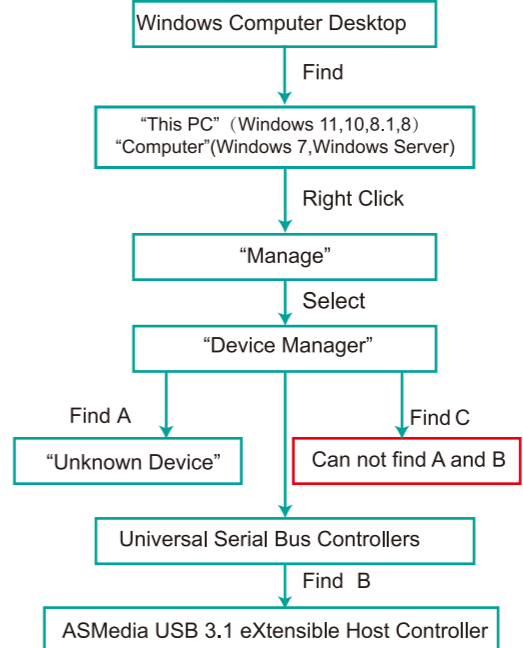





 <p>PCIe X4 USB 3.1 GEN2 10Gbps Card</p> <p>FS-A2-Pro FS-AC-Pro FS-C2-Pro Site:www.febsmart.com Email:support@febsmart.com</p>	<p>FS-A2-Pro 2X USB-A USB 3.1 GEN2 10Gbps Card.</p>  <p>FS-AC-Pro USB-A & USB-C USB 3.1 GEN2 10Gbps Card.</p>  <p>FS-C2-Pro 2X USB-C USB 3.1 GEN2 10Gbps Card.</p> 	<p>FS-A2-Pro Description:</p> <p>FS-A2-Pro is a PCI Express to 2X 10Gbps max USB 3.1 GEN2 type A ports expansion card.It is based on ASMedia ASM3142 USB 3.1 GEN2 16Gbps bandwidth host controller. It will light up 2X USB-A ports devices on users PCs.It is built in FebSmart Self-Powered Technology,specially designed for high power consumption USB 3.1 GEN2 devices such as industrial cameras,VR-systems,VR-sensors and USB SATA HDD/SSD enclosures and USB NVME enclosures.It is designed on PCIeX4 interface,will work on PCIe X4,X8,X16 slot.It is mounted with full height bracket on USB card and comes with a low profile bracket in the package,will work on standard size PCs and slim PCs.</p> <p>System Requirements:</p> <p>1.Windows:Plug and Play on Windows 11,10.8,1.8 (32/64bit) and Windows Server 2012,2012R2,2016,2019,2022 (32/64bit) systems. Need to install driver on Windows 7(32/64bit) and Windows Server 2008,2008R2 (32/64bit) systems.</p> <p>2.Mac OS:Plug and Play on MAC OS 10.9.x,10.10.x,10.12.x,10.13.x,10.14.x,10.15.x and later version system.Do not support 10.11.x systems.</p> <p>3.Linux Kernel:Supports most main stream Linux kernel.</p> <p>Package List: 1X FS-A2-Pro,1X User manual,1X Low profile bracket, 1X Mount-screw.</p>	<p>FS-AC-Pro Description:</p> <p>FS-AC-Pro is a PCI Express to 1X USB-A and USB-C 10Gbps max USB 3.1 GEN2 ports expansion card.It is based on ASMedia ASM3142 USB 3.1 GEN2 16Gbps bandwidth host controller.It will light up 1X USB-A port device and 1X USB-C device on users PCs.It is built in FebSmart Self-Powered Technology,specially designed for high power consumption USB 3.1 GEN2 devices such as industrial cameras,VR-systems,VR-sensors,USB SATA HDD/SSD enclosures and USB NVME enclosures.It is designed on PCIe X4 interface,will work on PCIe X4,X8, X16 slot.It is mounted with full height bracket on the USB card and comes with a low profile bracket in the package, will work on standard size PCs and slim PCs.</p> <p>System Requirements:</p> <p>1.Windows:Plug and Play on Windows 11,10.8,1.8 (32/64bit) and Windows Server 2012,2012R2,2016,2019,2022 (32/64bit) systems. Need to install driver on Windows 7 (32/64bit) and Windows Server 2008,2008R2(32/64bit) systems.</p> <p>2.Mac OS:Plug and Play on MAC OS 10.9.x,10.10.x,10.12.x,10.13.x,10.14.x,10.15.x and later version system.Do not support 10.11.x system.</p> <p>3.Linux Kernel:Supports most main stream Linux kernel.</p> <p>Package List: 1X FS-AC-Pro,1X User manual,1X Low profile bracket, 1X Mount-screw.</p>
<p>FS-C2-Pro Description:</p> <p>FS-C2-Pro is a PCI Express to 2X 10Gbps max USB 3.1 GEN2 type C ports expansion card.It is based on ASMedia ASM3142 USB 3.1 GEN2 16Gbps bandwidth host controller. It will light up 2X USB-C ports devices on users PCs.It is built in FebSmart Self-Powered Technology,specially design -ed for high power consumption USB 3.1 GEN2 devices such as industrial cameras,VR-systems,VR-sensors,USB SATA HDD/SSD enclosures and USB NVME enclosures. It is designed on PCIe X4 interface,will work on PCIe X4,X8, X16 slot.It is mounted with full height bracket and the low profile bracket is in the package,will work on standard size PCs and slim PCs.</p> <p>System Requirements:</p> <p>1.Windows:Plug and Play on Windows 11,10.8,1.8 (32/64bit) and Windows Server 2012,2012R2,2016,2019,2022 (32/64bit) systems. Need to install driver on Windows 7 (32/64bit) and Windows Server 2008,2008R2 (32/64bit) systems.</p> <p>2.Mac OS:Plug and Play on MAC OS 10.9.x,10.10.x,10.12.x,10.13.x,10.14.x,10.15.x and later version system.Do not support 10.11.x systems.</p> <p>3.Linux Kernel:Supports most main stream Linux kernel.</p> <p>Package List: 1X FS-C2-Pro,1X User manual,1X Low profile bracket, 1X Mount-Screw.</p>	<p>FebSmart Self-Powered Technology:</p> <p>FebSmart Self-Powered Technology is a new solution to add more power supply on USB expansion cards.The old version PCI Express USB cards need to plug a power cable from desktop computers power supply unit.Some times even users put power cable on computer power supply unit,it still drops speed due to power limitation. PCI Express slot can provide 75W max almost 12V/ 6.25A power in total for PCIe devices.FebSmart add 1X voltage transformer chip on each USB port to transfer 12V to 5V and provide each USB port 3A max power supply.In other words each USB port will get 5V/3A 15W for connected USB devices.Most of high power-consum -ption devices just need around 4-8W which means this USB expansion card can light up high power-consumpti -on devices simultaneously in full speed.To protect conn -ected USB devices and users data,FebSmart built in safety electric circuit protector,voltage stable inductance, voltage stable capacitors on each USB port.Users do not worry data loss or burn USB devices anymore.Add super -speed,safe and easy install USB card on desktop PCs.</p>	<p>Add USB Card on Desktop PCs:</p> <p>Step1,Switch OFF PC,unplug computer from main socket,unplug power cord and other connected peripherals.Remove the cover from computer case.</p>  <p>Step2,Find correct PCI Express slot from motherboard, insert USB card into an empty PCI-E slot.If using slim PCs, users need change to the low profile bracket which is in the package.</p>	 <p>Works on PCIe X4,X8,X16 slot</p>

<p>Step3,Reattach the computer cover,and put back removed peripherals,power on desktop computer.</p>  <p>Added on USB Ports</p> <p>Check If USB Card Was Detected on PCs:</p> <p>1.Users can plug universal USB devices such as USB flash drive,keyboard,mouse etc.Check if computer can find these devices.If system read USB devices,means no need to install driver,can use these added on USB 3.0 ports now.</p>	<p>2.Find this added on USB card hardware in Windows system "Device Manager" and check if system read it.</p> 	<p>A.Means PCs find hardware correctly,need to install driver. B.Means USB card hardware was detected correctly and system loaded driver already,users can use it now. C.Means PCs can not find the added on USB card and not load driver for USB card.Users need to re-plug USB card on motherboard PCIe slot or better change to an active PCIe slot for USB card.</p> <p>Install Driver on Desktop PCs:</p> <p>1.FS-A2-Pro,FS-AC-Pro and FS-C2-Pro are based on ASMedia ASM3142 USB 3.1 GEN2 10Gbps host controller. These models share the same installation steps on Windows 11,10.8,1.8,7 and Windows Server 2008,2008R2,2012, 2012R2,2016,2019,2022 (32/64bit) system. 2.Windows 11,10.8,1.8(32/64bit) and Windows server 2012, 2012R2,2016,2019,2022 will load driver automatically.If it can not read on system or read "Unknown Device" in Windows"Device Manager" with "Error Code 10", users need change to another PCIe slot for this USB card. 3.Windows 7(32/64bit) and Windows server 2008,2008R2 (32/64bit) system will read as"Unknown Device" in "Device Manager",users need to install driver,afterwards it will work. 4.FS-A2-Pro,FS-AC-Pro and FS-C2-Pro support plug and play on most main stream Linux kernel systems. 5.Plug and Play on MAC OS 10.9.x,10.10.x,10.12.x,10.13.x, 10.14.x,10.15.x and later version system.Do not support 10.11.x system.</p>
<p>Step1,Users can download driver from our site www.febsmart.com,then release the ZIP file,find the "Setup.exe". Step2,Complete driver installation.</p> <p>1.Double right-click "Setup.exe"</p>  <p>2.Waiting files ready to install.</p> 	<p>3.Click "Next"</p>  <p>4.Accept the license, click "Next"</p> 	<p>5.Waiting for driver installation.</p>  <p>6.Click "Finish", and start using the new USB ports.</p> 