**Hardware**

1- PC must connect to internet to download the required software

2- The motherboard must have a PCI slot to connect the S626 card. New motherboards don’t have that slot so you may have to use old motherboards (Or that would be really cool if you could use an adapter and make it work with the new ones.)

**Software**

1- Install the S626 card SDK (it installs the drivers automatically). Here is a link to download the SDK (use downloads tab): <http://www.sensoray.com/products/626.htm>

If by any chance, the driver or the website were removed or did not work anymore, I have uploaded the driver to the Diedrichsen lab’s server in path: robotcode\documentation

2- Install Microsoft visual studio (We used the 2022 community version which is free)

3- Copy the projects and libraries from another working windows 10 PC to the new PC. Alternatively, you can download the libraries and the projects from the Diedrichsen lab’s GitHub.  
Also, you can follow the instructions in the “PortCode Guide.docx” document to see how you should make a new project.

4- Setting up “opengl”:

The opengl libraries are accessible on the server in path: robotcode\documentation\opengl

* Copy glut.dll to: C:\Windows\SysWOW64
* Copy glut32.dll to C:\Windows\System32 and C:\Windows\SysWOW64
* Copy glut.h to C:\Program Files\Microsoft Visual Studio\2022\Community\VC\Auxiliary\VS\include\gl
* Copy glut.lib to C:\Program Files\Microsoft Visual Studio\2022\Community\VC\Auxiliary\VS\lib\x64
* Copy glut32.lib to C:\Program Files\Microsoft Visual Studio\2022\Community\VC\Auxiliary\VS\lib\x86