

Establishing NoMachine (NX) connection to SER-CAT

Connecting to the SER-CAT data collection computer (note the new IP address):

1. Open NoMachine Client and click the “Add” tab to add a new connection.
2. Give a name for the connection and provide host IP address as: **164.54.208.73**
3. Select protocol “SSH” and Port “22”
4. The new connection should show up in your list of NoMachine connections. Click on it and enter your SER-CAT login and password.
5. On the next screen, click on Create to get a new desktop and then click ‘Create a new virtual desktop’
6. Keep everything default
7. Once the data collection computer screen shows up, click ok to any message that shows up.
8. If the screen size looks small, you can right-click on the screen and go to ‘Display Settings’ to change the screen resolution to resize (click “Apply” once resolution settings are changed).
9. Click on “Activities” on top left and open a terminal window
10. To open the data collection program, type: `sergui`

Note: If the data collection computer screen is locked (blue screen), press ‘Enter’ on the keyboard to unlock and enter the password.

Connecting to the SER-CAT data processing machines:

As before, you can connect to the following machines for data processing via NoMachine:
164.54.208.23 or **164.54.208.93**

For HKL2000 processing, go to your data directory from a terminal window and type: `HKL2000`

Select ‘Eiger16M’ from the list of detectors.