

How to check the network connection speed

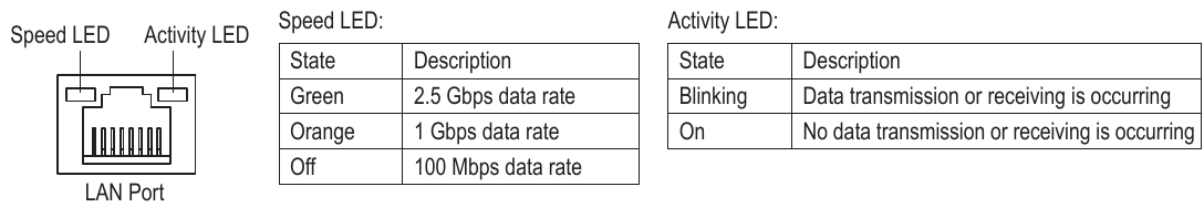
- Method 1 - When using the LAN 1 RJ45 UTP connection on the Extreme, you can check the connectivity and uplink speed by looking at the multi-colored LEDs above the LAN 1 connector.
- Method 2 - Whether you are using either LAN 1 or the Extreme Network Card's DAC connection, you can always see the status and uplink speed in the Extreme Music Server's network adapter properties.

Method 1 - LAN 1 RJ45 Connector LED indicators

The LAN 1 RJ45 connector contains multi-colored LEDs that indicate the activity and speed. Please refer to the below table.

RJ-45 LAN Port

The Gigabit Ethernet LAN port provides Internet connection at up to 2.5 Gbps data rate. The following describes the states of the LAN port LEDs.



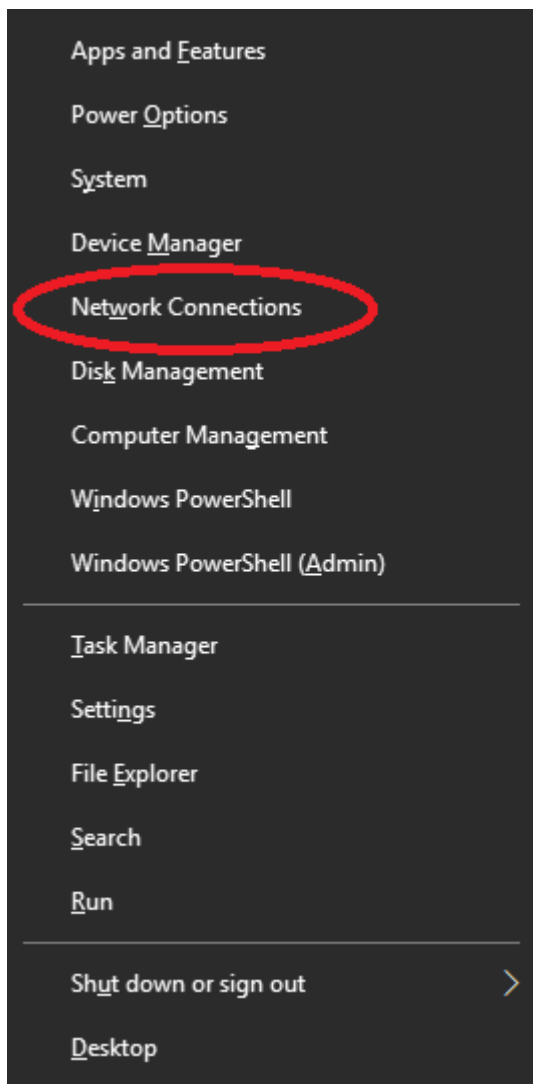
This only works when this port is actually used.

Please note the LED indicates the Link Speed negotiated with the upstream device, not the actual speed of data sent across the link, which could be lower, for instance when a bad quality cable is used.

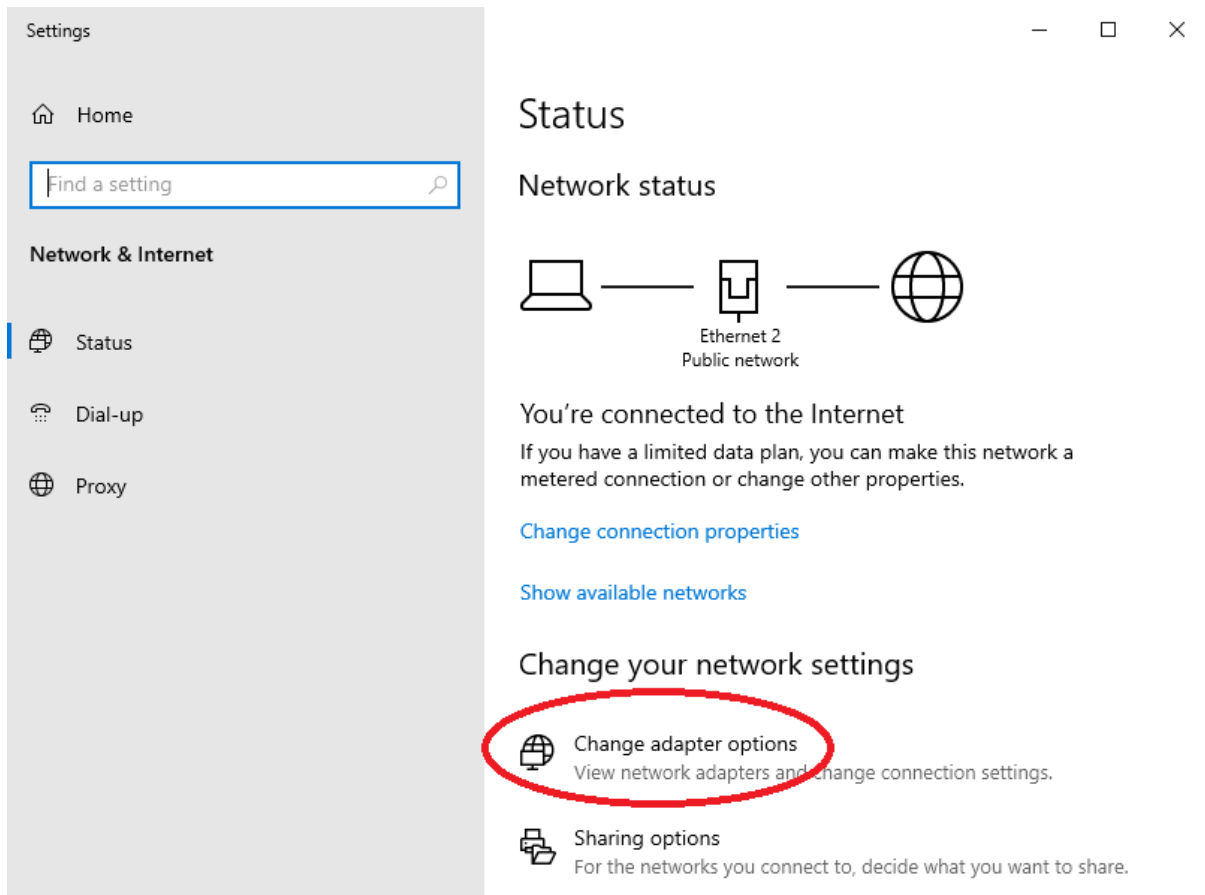
But no matter the connection method, you can always see the uplink status and speed in the Extreme Music Server's Windows software environment by navigating to the Network adapter properties.

Method 2 - Network Adapter properties

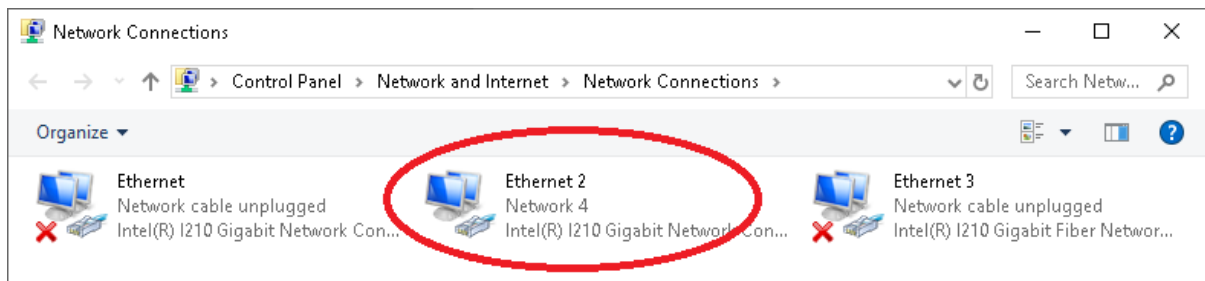
VNC to the Extreme, locate the start menu and right-click the windows icon. Mac users can either double-tap the Trackpad or use Control-Click. In the menu that pops up (which is different from the normal start menu), select Network Connections.



In the Network Connections popup, click "Change Adapter options".

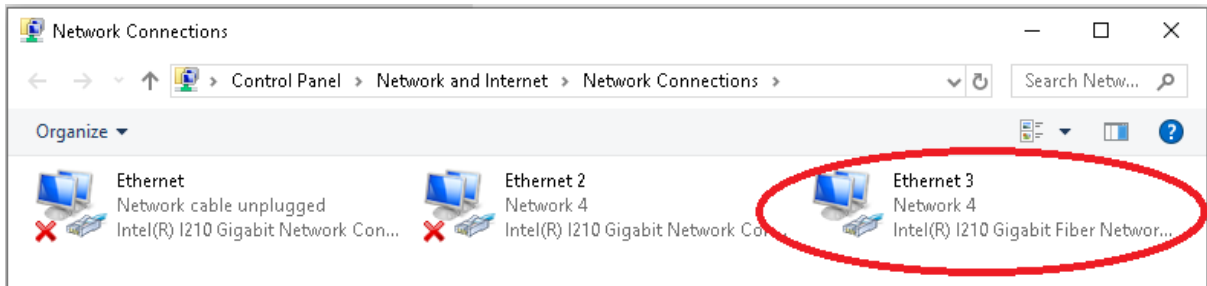


In the next popup, locate the functioning Ethernet Connection (which is the one that does not have a cross), in this case Ethernet 2 (as I am using the regular LAN 1 port).



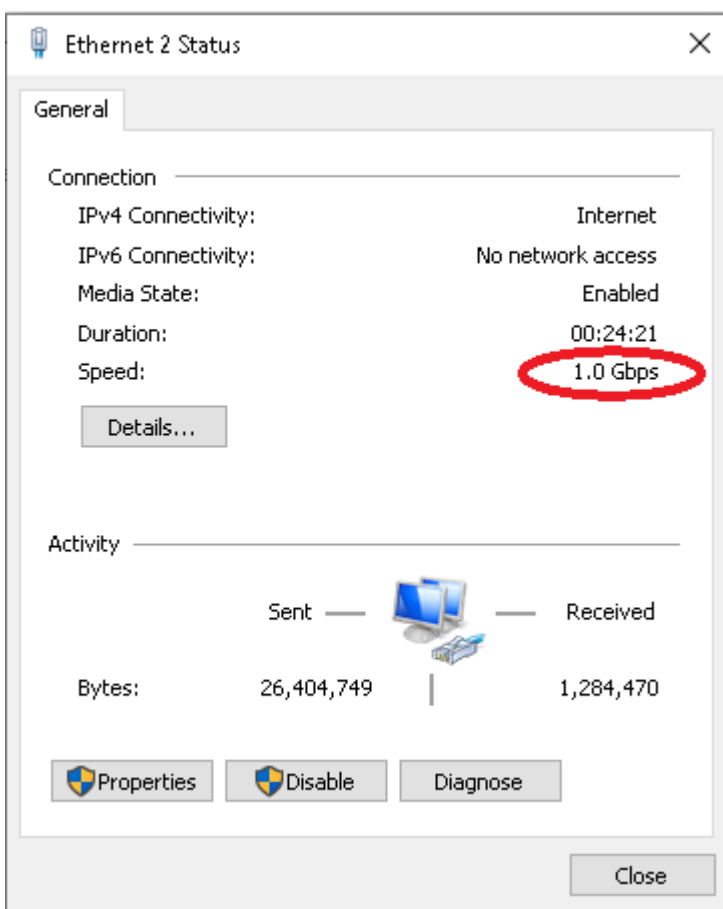
Note that the connection names may differ per setup as custom names may have been assigned to the adapters by the user or following later Customer Support. Edward has recently (July 2023) started renaming the adapters respectively LAN1, LAN2, and Taiko NIC.

NIC is the Extreme Network Card which will be located on the far right in the window below, and labeled "Intel(R)1210 Gigabit Fiber Network Connection". When the NIC is connected instead of the LAN 1 input, then that connection will show instead of Ethernet 2, as in the screengrab below.



Double-click the active Ethernet connection of your choice (depending on whether you are using LAN 1 RJ45 or NIC DAC) to show the details.

The resulting popup shows the speed under the Connection header



When done, simply click away all open windows with the top-right X.