How to connect Raspberry Pl Lo LAPTOP with LAN cable

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**Item required:**

* Raspberry Pi 4
* 16 GB OR 32GB SD card
* Adapter or Reader
* LAN cable

**Software required:**

* Raspberry Pi OS
* PuTTY
* VNC Viewer

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**First step:**

Open any browser and go to VNC Viewer and PuTTY and download this program after that type **Raspberry Pi imager** for your OS after all program are download insert your SD card in to adapter or reader and to your laptop after that open the raspberry Pi click on operating system and select Raspberry Pi OS (32-bite) after that pick storage and the USB and finally click WRITE and wait for it to finish then remove the SD card or adapter\reader and then reinsert it in to the raspberry Pi then create an empty file named **ssh** without any extension in boot partition.It automatically enables **ssh** on boot then insert one end of the LAN cable in to the raspberry Pi board and the other end in to the LAN cable connecter present in the laptop

**Last step:**

open PuTTY click on HostName or IP address and type **raspberrypi.local** then press open and accept the PuTTY security alert and click on login then type **pi/raspberry** wait for a sec then type **sudo raspi-config** to configure the raspberry Pi.

Go to Interface option enable VNC Viewer and click on the bar on top and type **raspberrypi. local** then press continue then type **pi** as username and **raspberry** as password then open PuTTY again and go to Display option then D1 Resolution and select DMT Mode 16 press <Ok> and then press <Finish> and then press <yes> and then final close and reopen the window