Direct connection between your computer and your ISP

See below the procedure to access the ISP with only one network cable connected directly between your ISP and your computer.

In order to follow this procedure, you need:

- An Ethernet cable with RJ45 connector (do not plug it in now).
- A Windows or MacOS computer with a RJ45 connector.
- An ISP powered on.

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How to set a static IP address on your computer

Windows 7 procedure:

- 1. Click Start Menu > Control Panel > Network and Sharing Center.
- 2. Click Change adapter settings.



3. Right-click on Local Area Connection and click on Properties.



4. Select Internet Protocol Version 4 (TCP/IPv4) and click on Properties.

Local Area Connection 2 Properties
Networking Sharing
Connect using:
Intel(R) PRO/100 VE Network Connection
Configure
This connection uses the following items:
QoS Packet Scheduler
File and Printer Sharing for Microsoft Networks
General NDIS Protocol Driver
Internet Protocol Version 6 (TCP/IPV6) Internet Protocol Version 4 (TCP/IPV6) Internet Protocol Version 4 (TCP/IPV6)
Internet Protocol Version 4 (TCP/IPV4)
Link-Layer Topology Discovery Mapper 1/0 Driver
Eline-Layer Topology Discovery Nesponder
Install Uninstall Properties
Description
Transmission Control Protocol/Internet Protocol, The default
wide area network protocol that provides communication
across diverse interconnected networks.
OK Cancel

5. Select "Use the following IP address" and enter the IP address, Subnet Mask, Default Gateway, set DNS to automatic. Click OK and close the Local Area Connection properties window.

Internet Protocol Version 4 (TCP/IPv4) Properties				
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.				
Obtain an IP address automatically				
Use the following IP address:				
IP address:	192 • 168 • 123 • 1			
Subnet mask:	255.255.255.0			
Default gateway:	192.168.123.1			
Obtain DNS server address automatically				
• Use the following DNS server add	resses:			
Preferred DNS server:	8.8.8.8			
Alternate DNS server:	4 . 2 . 2 . 1			
🔲 Vaļidate settings upon exit	Ad <u>v</u> anced			
	OK Cancel			

Select "Obtain DNS server address automatically" and don't care about preferred and alternate DNS server.

You can now skip to the "How to connect to the ISP" section at the end of this document.

Windows 8 & 10 procedure:

1. Click Start Menu > Settings > Network & Internet



2. Click Change adapter options.



3. Right-click on Local Area Connection and click on Properties.

🔨 Network Connections			- 0	×
\leftarrow \rightarrow \checkmark \bigstar \blacksquare Control Panel $ ightarrow$ Network and Internet	Network Connections			م
Organize 🔻 Disable this network device Diagnose this	connection Rename this connection View status of this connection	Change settings of this connection		?
Connexion réseau Bluetooth Not connected Bluetooth Dev Status Diagnose Bridge Connections Create Shortcut Delete Rename Properties	net un on identifié Ethernet Connection I219-V Wi-Fi Intel(R) Dual Band Wireless-AC 82			

4. Select Internet Protocol Version 4 (TCP/IPv4) and click on Properties.

5. Select "Use the following IP address" and enter the IP address, the Subnet Mask and the Default Gateway. Click OK to close the Local Area connection properties window.

Protocole Internet version 4 (TCP/IPv4) Properties					
General					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.					
Obtain an IP address automatical	Obtain an IP address automatically				
• Use the following IP address:					
IP address:	192 . 168 . 123 . 1				
Subnet mask:	255.255.255.0				
Default gateway:	192 . 168 . 123 . 1				
Obtain DNS server address autom	natically				
• Use the following DNS server add	resses:				
Preferred DNS server:	8.8.8.8				
Alternate DNS server:	4 . 2 . 2 . 1				
Validate settings upon exit Advanced					
	OK Cance	1			

Select "Validate settings upon exit" to apply settings right away.

You can now skip to the "How to connect to the ISP" section at the end of this document.

Mac OS X procedure:

1. Open System Preferences and click the Network panel icon.



- 2. The network panel opens, showing all the available interfaces. Click the Ethernet interface.
- 3. Click the Advanced button to view the full manual interface for network settings.



4. The Advanced configuration screen appears. Click TCP/IP in the button bar to access the common TCP/IP network settings.

5. Use the Configure IPv4 drop-down menu to change your settings to be configured Manually.

6. Enter the IP Address, Subnet Mask, and Router.



You can now skip to the "How to connect to the ISP" section at the end of this document.

How to connect to the ISP

Now, plug an ETHERNET cable between the ISP and your laptop and wait a few secs. Open your browser and write the ISP's address IP: 192.168.123.252.

