



Changing the IP Address

in Windows® 7, 8/ 8.1 and 10



Setup Instructions

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1. Why is an IP Address necessary?

An IP address is assigned to all computers and network-compatible devices in order to provide them with unique identification within the network. The address is used to transfer data from the sender to the intended recipient. The currently most frequently used form is the IPv4 address, which consists of four numbers and is used for wenglor products. Each of the numbers included in the IP address can have a value of between 0 and 255, and the individual numbers are separated by decimal points (example: 192.168.100.2). In order to be able to access a web server, the address must be transmitted by the device. With its network-compatible products, wenglor provides users with the opportunity of addressing products directly via the Internet protocol and exchanging data via a browser and the integrated web server. However, this is only possible after the corresponding parameters have been appropriately set in the network settings for the utilized device.

2. Setting the IP Address in Windows® 7 (x86; x64)

In Windows[®] 7, there are several ways to access the network configuration and change the adapter settings. The simplest of these are described below.

First option:

• Click the "Start" button with the mouse in order to open the main menu.



- Enter "view network connections" to the search field.
- Click "view network connections" in the control panel.

Control Panel (6)
View network connections
kailer with the second printers with the second sec
Manage wireless networks
View network status and tasks
Yiew network computers and devices
View location activity
See more results
view network connections × Shut down

• The following window then appears with all of the network connections made available by the computer:



• The following simply describes a further way of accessing the network connections window in Windows® 7, Windows® 8/8.1 and Windows® 10. From here, continue on page 12 "4. Entering the IP Address"



· Second option:

- Click the "Start Button" with the mouse in order to open the main menu.
- Click "Control Panel" or enter the term in the search bar. You can do this step with Windows[®] 7 as well as with Windows[®] 8/8.1 and 10.

Getting Started	
🚱 Windows Media Center	
Calculator	wenglor
Kicky Notes	Documents
Snipping Tool	Music
🧊 Paint	Games
Remote Desktop Connection	Computer
Magnifier	Control Panel
Solitaire	Devices and Printers
	Default Programs
All Programs	Help and Support
Search programs and files	Shut down 🕨
🚱 🏉 🚞 💽	

A window appears at which all computer settings are displayed.

• Click "Network and Internet".



• Click "Network and Sharing Center" in the window which then appears.





- Information regarding the network is then visualized.
- Click "Change adapter settings" at the left-hand side of the window, in order to access the network connections.



 A window now opens at which all of the network connections made available by the computer are displayed – just like under option 1.



3. Setting the IP Address in Windows® 8/8.1 and Windows® 10

In Windows[®] 8/8.1 and Windows[®] 10, are several ways to access the network configuration and chanfe the adapter settings. The simplest wy is explained below.

Windows® 8/8.1

• Use the mouse to right-click on the network symbol and select "Open Network and Sharing Center".



- Information regarding the network is then displayed.
- Click "Change adapter settings" at the left-hand side of the window, in order to access the network connections.



 A window now appears at which all of the network connections made available by the computer are displayed.





Setting the IP Address in Windows® 10

Use the mouse to open the taskbar. Enter the term "control panel".

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0	Control Panel Desktop app	
	Apps	
	Settings	
	Search suggestions	
		>
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💴 Control Panel X → ✓ ↑ 🔛 > Control Panel v ൛ م Adjust your computer's settings View by: Category -System and Security **User Accounts** Review your computer's status Change account type Save backup copies of your files with File History Appearance and Personalization Backup and Restore (Windows 7) Network and Internet Clock, Language, and Region View network status and tasks Add a language Choose homegroup and sharing options Change input methods Change date, time, or number formats Hardware and Sound View devices and printers Ease of Access Add a device Let Windows suggest settings Adjust commonly used mobility settings Optimize visual display Programs Uninstall a program

The Control Panel opens. Here you can select the function "Network and Internet".

· Click on "Network and Sharing Center".





Information about the Network is then displayed.

Click "Change adapter settings" at the left-hand side of the window, in order to access the network connections.



• A window appears which displays all available network connections.



4. Entering the IP Address

Several types of connection are displayed depending on the type of utilized computer or network-compatible device. Wireless network connections are listed in the case of notebooks, cell phones, tablets and other WiFicompatible devices. LAN connections are listed for all devices with cable connections such as desktop computers. Depending on the utilized network adapter, its name and the name of the network to which the terminal device is connected are also displayed. The corresponding connection type must be selected, depending on how the terminal device is connected to the network (wireless or cable connection).

In our example, the settings are entered via a LAN connection.

• After **right clicking** the respective connection, a context menu appear. The attributes of the LAN connection (or alternatively the WiFi connection) are accessed by clicking "**Properties**" in this menu.





- The following tab is included in this window: "Internet protocol version 4 (TCP/IPv4)".
- After clicking this tab the grayed out "Properties" button is enabled.
- After clicking this button, the Internet protocol properties are displayed.

Ethernet Propertie	es			×
Networking				
Connect using:				
Intel(R) PRO/1	1000 MT Desktop A	dapter		
			Configure	ĺ.
This connection uses	the following items:			
QoS-Paketp	laner		1	•
🗹 🔺 E/A-Treiber	für Verbindungsschi	icht-Topolog	gieerkennur	
A Microsoft-M	ultiplexorprotokoll für	r Netzwerka	dapter	
🗹 📥 Internet Prot	tocol Version 4 (TCF	P/IPv4)	>	
Microsoft-LL	UP-Treiber	- 68		
M - Internet Prot	tocol Version 6 (TCF	P/IPv6)		
Antwort fur	Verbindungsschicht-	- I opologieer	Kennung	1
Install	Uninstall		Properties	\mathbf{D}
Description				
	n Proto on /Internet	Protocol T	he default	
Transmission Contr	IOI FIOLOCOI/ Internet		rie ueraul	
Transmission Contr wide area network	protocol that provid	des commun	ication	
Transmission Contr wide area network across diverse inte	protocol that provid reconnected network	des commun ks.	ication	
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- All of the IP settings for the selected connection are shown in the following window.
- Under the "Use the following IP address" option, a static IP address can now be assigned to the device.

CAUTION!

Please note that the IP address of the PC is different from the IP address of the wenglor device/product. This is the only way to establish a connection to the device. Ensure that no other device with the same IP address which is already used by the PC or by the wenglor product is in the same network.



ATTENTION!

Be sure to make a note of existing settings first, because the computer's connectivity is controlled by these selections!

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is cap r the	n get IP settings assigned a vability. Otherwise, you nee appropriate IP settings.	utomatically ed to ask you	if yo ur ne	our ne	etwork su k adminis	ipports trator
	otain an IP address automa se the following IP address:					
IP ad	idress:		2			
Subr	iet mask:		e.]
Defa	ult gateway:		ę.]
• 0	btain DNS server address a	utomatically				
	se the following DNS server	addresses:				
Pref	erred DNS server:		6]
Alter	mate DNS server:]
V	alidate settings upon exit				Advar	nced



- The following settings should be used when connecting terminal devices from wenglor, see figure (IP address of wenglor device in delivery condition 192.168.100.1.).
- No DNS server address needs to be entered.
- The fourth number of the IP address, in our example the "2", can be freely selected within a range of "2" to "254".
- In the example, "1" is no longer available to the PC since this IP address has already been assigned to the wenglor product.

nternet Protocol Version 4 (TCP/	/IPv4) Properties
General	
You can get IP settings assigned this capability. Otherwise, you ne for the appropriate IP settings.	automatically if your network supports eed to ask your network administrator
Obtain an IP address autom	natically
• Use the following IP address	s:
IP address:	192 . 168 . 100 . 2
Subnet mask:	255.255.255.0
Default gateway:	192 . 168 . 100 . 1
Obtain DNS server address	automatically
Use the following DNS server	er addresses:
Preferred DNS server:	· · · ·
Alternate DNS server:	¥ 4 4
Validate settings upon exit	Advanced
	OK Cancel

• As soon as these settings have been entered and the network-compatible device has been correctly connected to the wenglor product, the configuration interface can be accessed via the browser. **"192.168.100.1"** must be entered to the address line to this end.

It may be necessary do deactivate your PC's firewall to be able to access the web page of a wenglor device (see chapter 5).

5. Deactivating the Windows® Firewall



CAUTION!

If you deactivate the firewall, your computer (and maybe your network) become more susceptible for attacks by viruses or hackers. Deactivate the Windows[®] firewall at your own risk and consult with the responsible system administrator in advance.

Windows® 7

Click on the control panel (page 3).

· Click "System and Security".



• Then click "Windows Firewall".





- · The firewall settings then appear.
- Click "Turn Windows Firewall on or off".



• Now deactivate the Windows® firewall for the private or guest network.

Control Panel + System and Security + Windows Firewall + Customize Settings	• \$	Search Control-Panel	٩
Customize settings for each type of network			
You can modify the firewall settings for each type of network that you use.			- 1
Private network settings			
💓 🔿 Turn on Windows Firewall			
Block all incoming connections, including those in the list of allowed apps			
✓ Notify me when Windows Firewall blocks a new app			
I Turn off Windows Firewall (not recommended)			
Public network settings			
💿 💿 Turn on Windows Firewall			
□ Block all incoming connections, including those in the list of allowed apps			
✓ Notify me when Windows Firewall blocks a new app			
3 O Turn off Windows Firewall (not recommended)			

Windows® 8/8.1

Click on the control panel (page 3).

• Return to the "Network and Sharing Center" to this end and click "Control Panel Home".



• Click "System and Security".

Control Panel	- 🗆 X
\leftarrow \rightarrow \checkmark \uparrow Control Panel >	✓ U Search Control Panel
Adjust your computer's settings	View by: Category *
System and Security Review your computer's status Save backup copies of your files with File History Find and fix problems	User Accounts and Family Safety Change account type Set up Family Safety for any user Appearance and Personalization
Network and Internet View network status and tasks Choose homegroup and sharing options	Change the theme Change desktop background Adjust screen resolution
Hardware and Sound View devices and printers Add a device Adjust commonly used mobility settings	CIOCK, Language, and Region Add a language Change input methods Change date, time, or number formats
Programs Uninstall a program	Ease of Access Let Windows suggest settings Optimize visual display



• Then click "Windows Firewall".



- · The firewall settings then appear.
- · Click "Turn Windows Firewall on or off".



• Now deactivate the Windows® firewall for the private or guest network.

	Custom	ize Sett	tings		-	×
4	\rightarrow	~ ↑	₽ ≪	Windows Firewall > Customize Settings マ む S	earch Control Panel	Q
		C	Custor	mize settings for each type of network		
		Y	/ou can	modify the firewall settings for each type of network that you use.		
			Private	network settings		
				O Turn on Windows Firewall		
			-	Block all incoming connections, including those in the list of allowed apps		
				Notify me when Windows Firewall blocks a new app		
		0	8	Turn off Windows Firewall (not recommended)		
			Public n	etwork ethingr		
				Turn on Windows Firewall		
				Block all incoming connections, including those in the list of allowed apps		
				✓ Notify me when Windows Firewall blocks a new app		
			8	○ Turn off Windows Firewall (not recommended)		



Windows® 10

Click on the control panel (page 3).

· Click "System and Security".



• Then click "Windows Defender Firewall".



The firewall settings then appear.

• Click "Turn Windows Defender Firewall on or off".



• Now deactivate the Windows Defender firewall for the private or guest network.

📽 Customize Se	ttings	-	×
$\leftarrow \rightarrow \cdot \uparrow$	📽 « Windows Defender Firewall > Customize Settings 🗸 🕑 Search Cont	rol Panel	م
	Customize settings for each type of network		
	You can modify the firewall settings for each type of network that you use.		
	Private network settings		
	🗸 🔿 Turn on Windows Defender Firewall		
	Block all incoming connections, including those in the list of allowed apps		
	Notify me when Windows Defender Firewall blocks a new app		
Contract (1)	Turn off Windows Defender Firewall (not recommended)		
	Public network settings		
	Turn on Windows Defender Firewall		
	Block all incoming connections, including those in the list of allowed apps		
	✓ Notify me when Windows Defender Firewall blocks a new app		
	○ Turn off Windows Defender Firewall (not recommended)		



6. Opening the Web Server

As soon as these settings have been entered and the network-compatible device has been correctly connected to the wenglor product, the configuration interface can be accessed via the browser. 192.168.100.1 must be entered to the address line to this end.



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