

# System Requirements

What's required to ensure Launcher runs smoothly on your device.

## Hardware

Launcher is an application that operates across a wide range of devices as it does not require high-performance processing power.

Minimum hardware specification is as follows:

- System: **Intel Core i3 (8th Gen.) processor, 8GB RAM, 64GB storage**
- Network: **Ethernet or Wi-Fi (2Mbps and above)**
- **Bluetooth 4.0 - Bluetooth Low Energy protocol capability (optional)**

## Operating System

Launcher is made for Windows (10/11) and requires the following:

- Minimum OS: **Windows 10, version 1809**

 We always recommend to update Windows to the latest public version.

## Network

Launcher can operate without an active internet connection. However, to fully benefit from its features and enhance your user experience, it is recommended to maintain a steady internet connection while using Launcher. For example, maintaining access to signaling servers is essential for seamless mobile app functionality.

The following ports must be opened:

Signaling server	
Port	TCP 5671
Server URL	<b>heavy-duck.rmq.cloudamqp.com</b>
Licensing server	
Port	TCP 443
URL	<b>https://displaynoteshadow.azurewebsites.net</b>

 Your network may already be set up to allow these servers to be accessed. If you are unsure, we recommend installing and setting up the application before making any changes to your network configuration.

## On-screen keyboard

To ensure the OSK (on-screen keyboard) shows on the display while using Launcher, you must ensure the appropriate setting is in place as below:

1. On Windows, go to **Settings > Devices > Typing**.
2. Under the **Touch keyboard** heading, look for the option **Show the touch keyboard when not in tablet mode and there's no keyboard attached**, and turn it **On**.

Your OSK will now open when appropriate while using Launcher.

## Language

Launcher can be displayed in six languages: English, Spanish, French, German, Italian, and Chinese Traditional.

Launcher uses the system language to set its own application language. To set your system language:

1. Go to **Settings > Time & Language > Language** on the Windows system.
2. Set your **Windows display language** from the available list. Note that if you do not see your preferred language, you may **add a language** under **preferred languages**.



If Launcher does not support your default system language, it will be set to English.