



# ImageQuant™ TL 11.0

## Installation Instructions for macOS

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# 1 Introduction

## About this document

This document describes how to install ImageQuant™ TL (IQTL) on Mac computers and provides the following information:

- System requirements
- Installation instructions for IQTL

## System requirements

To use the ImageQuant TL software, the following system requirements must be met:

- Operating systems: macOS Sonoma 14.7, or higher, and macOS Sequoia 15.1, or higher.
- Memory: minimum 16 GB installed RAM, or higher.
- Free hard disk space: minimum 10 GB.
- Microsoft .NET 8.0 installed, see instructions below.

The minimum and recommended specifications are important to provide good software performance and reduce installation and operational issues.

**Note:**     *Admin rights are necessary to run the installation.*  
              *Admin rights are **not** necessary to use the IQTL software.*

## Workflow

Follow the steps below to install ImageQuant TL.

**Note:**     *ImageQuant TL is a free software with limited functionality by default. For the 21-days free version or for a Pro license version, order at [cytiva.com](https://cytiva.com) to unlock the full functionality.*

Step	Action
1	Download the software installation package from <a href="https://cytiva.com/IQTL">cytiva.com/IQTL</a> .
2	Download and install Microsoft .NET Runtime 8.0.
3	Install the ImageQuant TL software.
4	Configure the license. Refer to the <i>ImageQuant TL 11.0 License Setup Guide for macOS (29751073)</i> document.

# Install Microsoft .NET 8.0

The Microsoft .NET package is not provided with the ImageQuant TL software package.

**Note:** *Microsoft .NET is necessary to run the ImageQuant TL software.*

Follow the steps below to Install .NET 8.0.

Step

Action

1 Download either:

- Microsoft .NET Runtime 8.0 x64 for Intel Processor  
<http://dotnet.microsoft.com/en-us/download/dotnet/8.0>

Visual Studio 17.11.5

Included runtimes  
.NET Runtime 8.0.10  
ASP.NET Core Runtime 8.0.10  
.NET Desktop Runtime 8.0.10

Language support  
C# 12.0  
F# 8.0  
Visual Basic 16.9

SDK 8.0.306

OS	Installers	Binaries
Linux	<a href="#">Package manager instructions</a>	<a href="#">Arm32</a>   <a href="#">Arm32 Alpine</a>   <a href="#">Arm64</a>   <a href="#">Arm64 Alpine</a>   <a href="#">x64</a>   <a href="#">x64 Alpine</a>
macOS	<a href="#">Arm64</a>   <a href="#">x64</a>	<a href="#">Arm64</a>   <a href="#">x64</a>
Windows	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>   <a href="#">winget instructions</a>	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>
All	<a href="#">dotnet-install scripts</a>	

Visual Studio support

[winget instructions](#)

.NET Desktop Runtime 8.0.10

The .NET Desktop Runtime enables you to run existing Windows desktop applications. This release includes the .NET Runtime; you don't need to install it separately.

OS	Installers	Binaries
Windows	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>   <a href="#">winget instructions</a>	

.NET Runtime 8.0.10

The .NET Runtime contains just the components needed to run a console app. Typically, you'd also install either the ASP.NET Core Runtime or .NET Desktop Runtime.

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macOS	<a href="#">Arm64</a>   <a href="#">x64</a>	<a href="#">Arm64</a>   <a href="#">x64</a>
Windows	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>   <a href="#">winget instructions</a>	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>
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- Microsoft .NET Runtime 8.0 Arm64 for M Processor

Visual Studio 17.11.5

Included runtimes  
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ASP.NET Core Runtime 8.0.10  
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macOS	<a href="#">Arm64</a>   <a href="#">x64</a>	<a href="#">Arm64</a>   <a href="#">x64</a>
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Visual Studio support

[winget instructions](#)

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macOS	<a href="#">Arm64</a>   <a href="#">x64</a>	<a href="#">Arm64</a>   <a href="#">x64</a>
Windows	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>   <a href="#">winget instructions</a>	<a href="#">x64</a>   <a href="#">x86</a>   <a href="#">Arm64</a>
All	<a href="#">dotnet-install scripts</a>	

2 Double-click the downloaded .NET package to run the installation.

# 2    Install ImageQuant TL

## Introduction

This section describes how to get started with the installation of ImageQuant TL software.

Before installing ImageQuant TL it is necessary to install Microsoft .NET 8.0, as described in the [System requirements, on page 3](#).

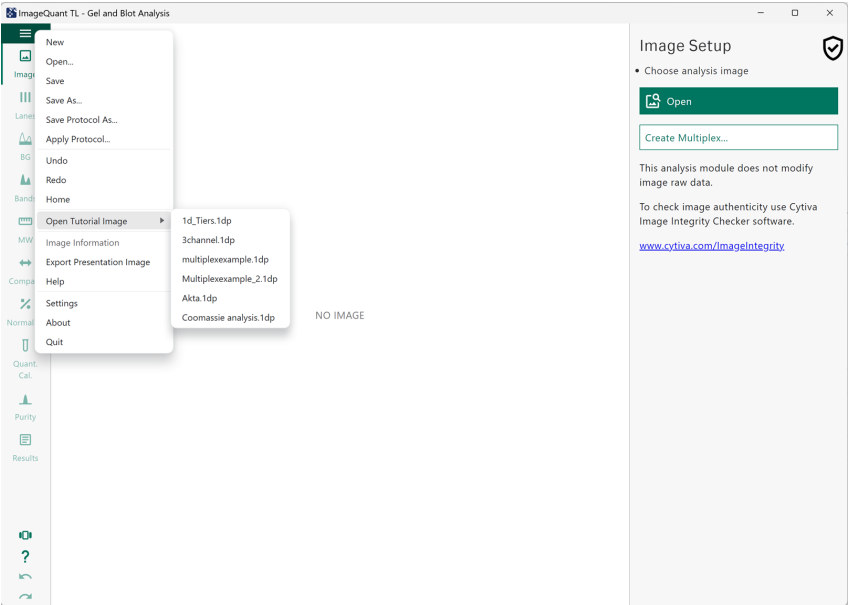
## Installation

Follow the steps below to install ImageQuant TL for macOS.

Step	Action
1	Download the IQTL software package from <a href="https://cytiva.com/IQTL">cytiva.com/IQTL</a> .
2	Open the folder <b><i>IQTL-OSX</i></b> , which contains the IQTL installation file for macOS.
3	To open the installation package and run the installation, double-click either: <ul style="list-style-type: none"><li>• ImageQuant TL- [Version] [ARM64] .dmg for M processor</li><li>• ImageQuant TL- [Version] [X64] .dmg for Intel processor</li></ul>
4	Drag the ImageQuant TL app into the applications folder using the shortcut provided.
5	Refer to the <i>ImageQuant TL 11.0 License Setup Guide for macOS (29751073)</i> document to activate the license.

### 3 View tutorial images

A set of tutorial analysis projects is installed with the software to help you to start using ImageQuant TL software. The images are available for each module through **Open Tutorial Image** from the file menu as follows:



## 4 Product support

### Contact us

If there are any problems with the installation or use of ImageQuant TL, contact your local product support team, or use the contact form found at [cytiva.com/contact](https://cytiva.com/contact).

**Give feedback on this document**

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