

Visual Studio Installation

Start your installation of Visual Studio Community from <https://www.visualstudio.com/vs/community/>. During VS Installation,

- **Select** the Workload "Desktop development with C++"
- **Check** these "Optional" components needed for C programming
 - MSVC v000 [the most current version of build tools] for your x64/x86 or ARM64 processor
 - Windows 10 SDK [the most current version]
 - Just-In-Time debugger
 - C++ profiling tools
 - IntelliCode
 - C++ AddressSanitizer
- **Uncheck** the following to save ~832MB of storage and reduce the background load on your system.
 - C++ CMake tools for Windows
 - C++ ATL for latest v000 build tools
 - Test Adapter for Boost Test
 - Test Adapter for Google Test
 - Live Share


See screen shots on next page.


Screen shots are current for Visual Studio Community 2022 installation and modification.


Modifying — Visual Studio Community 2019 — 16.11.2


Workloads Individual components Language packs Installation locations

Web & Cloud (4)


**ASP.NET and web development**
Build web applications using ASP.NET Core, ASP.NET, HTML/JavaScript, and Containers including Docker supp...


**Azure development**
Azure SDKs, tools, and projects for developing cloud apps and creating resources using .NET and .NET Framework....

**Python development**
Editing, debugging, interactive development and source control for Python.

**Node.js development**
Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.

Desktop & Mobile (5)

**.NET desktop development**
Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET and .NET Frame...

**Desktop development with C++**
Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.

Installation details

- Visual Studio core editor
- ▾ Desktop development with C++
 - ▾ Included
 - ✓ C++ core desktop features
 - ▾ Optional
 - ✓ MSVC v142 - VS 2019 C++ x64/x86 build t...
 - ✓ Windows 10 SDK (10.0.19041.0)
 - ✓ Just-In-Time debugger
 - ✓ C++ profiling tools
 - ☐ C++ CMake tools for Windows
 - ☐ C++ ATL for latest v142 build tools (x86 &...
 - ☐ Test Adapter for Boost.Test
 - ☐ Test Adapter for Google Test
 - ☐ Live Share
 - ✓ IntelliCode
 - ✓ C++ AddressSanitizer

If it was missed on the initial install, run “Visual Studio Installer” > Modify to modify Visual Studio as shown above.

Visual Studio Installer

Installed

Available



Visual Studio Community 2019

16.11.2

Powerful IDE, free for students, open-source contributors, and individuals

[Release notes](#)

Modify

Launch

More ▾