



Installing Intel® Fortran Compiler Classic

If you are not the person who will be installing the software, please make sure you pass these instructions along to whoever will be doing the install.

Note: Ensure the person performing the installation has administrator rights.

Note: Be sure to review the terms and/or license agreements for all software installations.

Step 1: Prerequisite Software

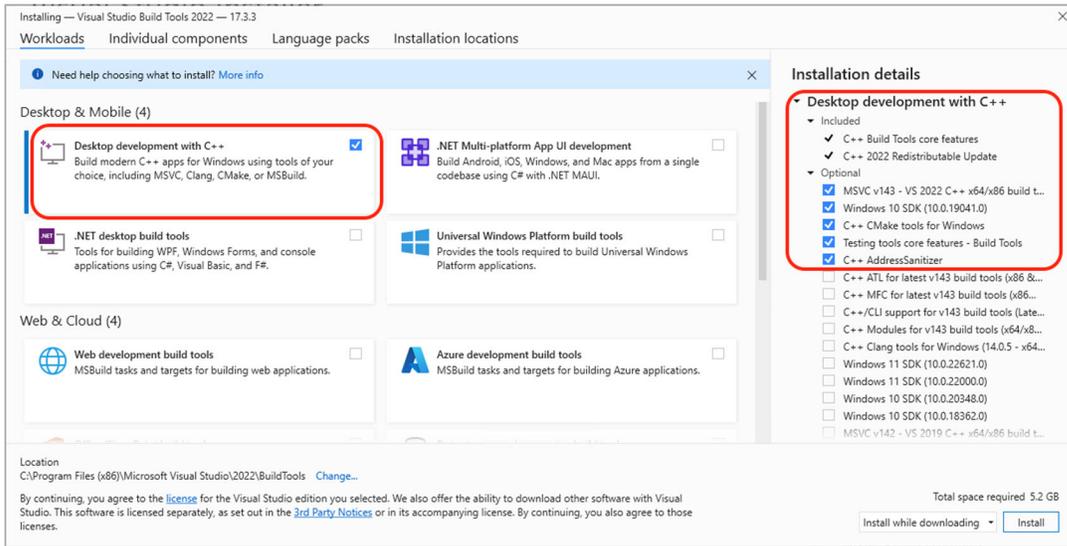
Intel Fortran compiler requires Microsoft Build Tools 2019 or newer.

- If you do not have this installed, [click here to download it from the Microsoft website](#). This is a direct link to the install download. It will either automatically download or you will see a pop up on your screen asking if you want to save it.

Step 2: Installing Build Tools

You will need to install Build Tools before installing Intel Fortran Compiler Classic.

The default installation of Build Tools does not install support for C++ which is required for CRTech software. During the installation process you will be prompted to select which “Workloads” you wish to install. You must add support for **Desktop development with C++** as shown below. Details of this option will appear on the right side of the screen. No additional options need to be selected. Continue with the install of VS Build Tools.



Step 3: Download Intel Fortran Compiler Classic

Before proceeding with Step 3, be sure to reboot your computer. Failure to do so could result in the Fortran compiler not integrating properly with Build Tools.

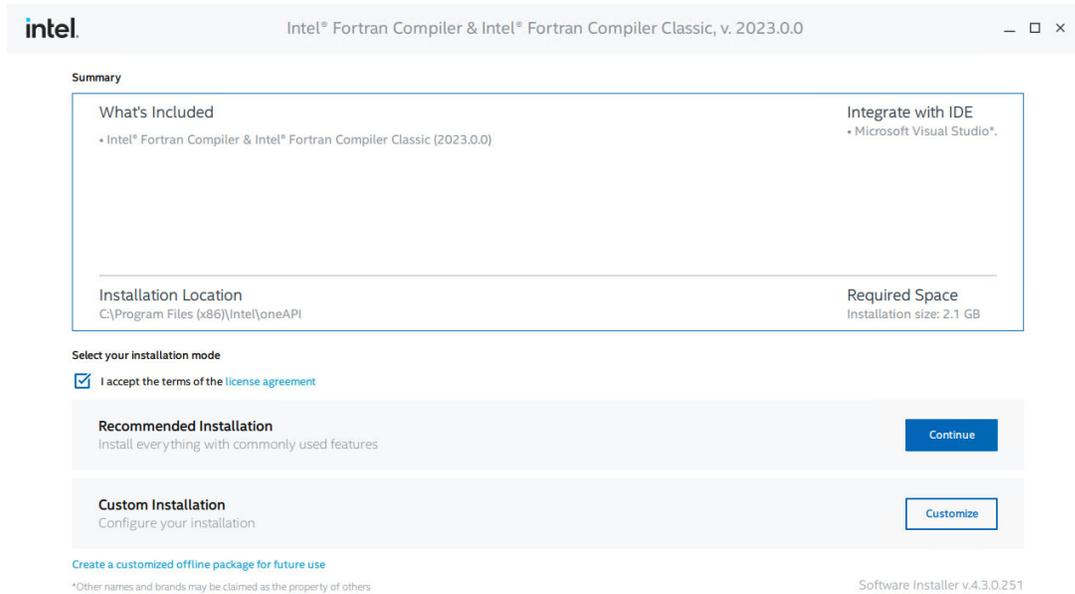
The Intel Fortran compiler can be [downloaded from here](#). Be sure to download the version for Windows. Online and offline versions are available, either will work.

2023.1.0 Release

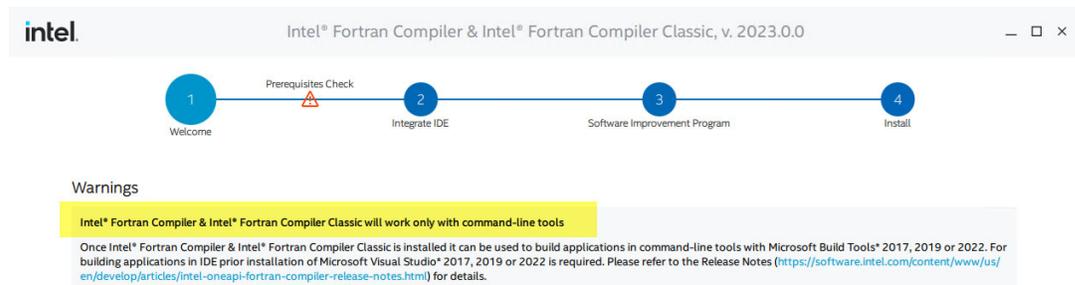
Name (Click to initiate download)	Version	Size	Installer	Date
Intel Fortran Compiler Classic and Intel Fortran Compiler for Linux	2023.1.0	18 MB	Online	Mar. 29, 2023
Intel Fortran Compiler Classic and Intel Fortran Compiler for Linux	2023.1.0	806 MB	Offline	Mar. 29, 2023
Intel Fortran Compiler Classic and Intel Fortran Compiler for Windows*	2023.1.0	12 MB	Online	Mar. 29, 2023
Intel Fortran Compiler Classic and Intel Fortran Compiler for Windows	2023.1.0	622 MB	Offline	Mar. 29, 2023
Intel Fortran Compiler Classic for macOS	2023.1.0	24 KB	Online	Mar. 29, 2023
Intel Fortran Compiler Classic for macOS	2023.1.0	89 MB	Offline	Mar. 29, 2023

Step 4: Installing Intel Fortran Compiler

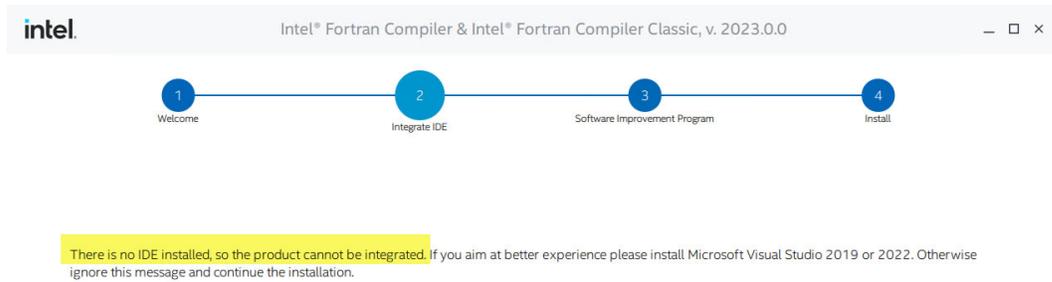
After downloading the installer, run it by double clicking on the install file. Use the recommended installation.



You may see the following warning, which can be ignored. Visual Studio is not required if you have Build Tools installed as previously instructed in this document.



You may see a message stating that “There is no IDE installed, product cannot be integrated”; ignore it as long as you have installed Build Tools.



If you see other warnings, you will need to investigate what the issue is.

Step 5: Install Intel Fortran Compiler Runtime

Download and install the Intel® Fortran Compiler Runtime for Windows* 2023.2.0 from the [Intel Fortran Compiler Runtime Library](#)

Step 6: After installation of the compiler

Edit the Environment variables on the computer. You should have a variable called VS2022INSTALLDIR. It should be set to C:\Program Files (x86)\Microsoft Visual Studio\2022\Build Tools (or whatever you have installed). If this variable does not exist, please create it.