
VTune(TM) Performance Analyzer for Windows* OS Installation Guide

Introduction

The installation program installs the VTune(TM) Performance Analyzer on your system.

If you already have VTune analyzer or its components installed on your system, you need to uninstall them before installing this version of the product.

The following directory map indicates the default structure of the installed files and identifies the contents of the main sub-directories.

```
+-- Program Files [+-- Program Files (x86) when installing on a 64-bit
|   operating system]
|
+ -- Intel
|
+-- vtune
|
+-- Analyzer (binaries and executable files)
|
+-- DOC (README, install guide, release notes and reference PDF files)
|
+-- Examples (demo files)
|
+-- global_data (data created by the VTune analyzer and used
|   by different VTune analyzer projects on this system)
|
+-- Help (online documentation)
|
+-- tprofile (Intel(R) Thread Profiler files)
|
+-- Shared (binaries and executable files)
```

To install the VTune analyzer on a Microsoft Windows* system:

1. If you received the product on CD-ROM, insert the CD-ROM into a CD-ROM drive. If the installation program does not automatically start, locate the file Setup.exe on the CD-ROM and double-click it. If you received the product as an electronic download, double-click the downloaded file, named vtune91_[<update#>]_win.exe.

Where update# is an optional update version number.

The installation program starts. Click "Next".

2. At the prompt, provide the path of a temporary directory into which the contents of the self-extracting installation file will be placed before the actual installation begins. Click "Next".
3. The Intel(R) Software Setup Assistant appears. Click "Next" to continue the installation, or click on the links provided on the left-hand side to view useful product and support information.
4. Choose between the following product license options: (1) use the existing license found on the system, this option is not shown if the license file is not found by the install program (2) provide your serial number, or (3) provide a license file.

If option (1) is available, choose it and click "Next"

Choose option (2), enter a serial number, and click "Next"

NOTE: If you did not purchase a commercial support license, you need to be connected to the internet to complete this installation.

A serial number was provided to you when you purchased the product, either in an e-mail from Intel or your reseller, or on a sticker attached to the CD-ROM package. The correct license, based on the serial number, will automatically be extracted or downloaded and then installed on your system.

Choose option (3) if you have a valid license file that was not found automatically. Browse to find the file location or enter the file path directly to the input field. Then click "Next".

NOTE: If installing from CD-ROM, without connection to the internet, a default license is installed that enables installation and use of the VTune analyzer but does not allow upgrades/updates.

5. The installation begins. Click "Next" to proceed.
6. Accept the license agreement and click "Next" to continue.
7. Accept the default installation directory or choose a different directory. In the directory you choose, a product/version directory is created where all product files are installed. Any previous product version(s) can remain installed when installing this product version. Click "Next" to continue.
8. At the Tool Selection screen, click the button next to the tool to install or update that tool:
 - a. Intel(R) VTune(TM) Performance Analyzer
This installs the VTune Performance Analyzer. If you have a previous version of the VTune analyzer installed, you can update your existing installation to the current version.

b. Remote Agent

This installs the data collector. Install this on a system where you want to collect performance data.

When using this option you need to install the VTune analyzer user interface on another system to control the data collection and view the results.

9. Choose the Setup type, either Complete, or Custom. See additional information below.

- Complete - choose this option to install the product with online help.
- Custom - choose this option install the product and select or deselect installation of the online help.

Complete

This section explains how to use the Complete Installation of the VTune analyzer to install the product with online help.

1. At the "Destination Folder" screen, click "Change..." to set the installation directory or press "Next >" to accept the default option.
2. At the "Global Data Folder" screen, click "Change..." to set the global data directory or press Next > to accept the default option.
3. At the "Ready to Install the Program" screen, optionally check the box to integrate the VTune analyzer with an installed version of the Microsoft* Visual Studio* and click Install to start the installation.

Custom

This section explains how to install the product and select or deselect installation of the online help. Use this option if you do not have enough space for the complete installation.

By default, all the components are installed.

To view the available space on drives in your system, click Space.

To deselect installation of one or more components:

1. In the Setup Type screen, select Custom and click Next to open the Custom Setup dialog box.
2. Click on a feature to view a short description of this feature and its memory requirements on the right pane.
3. To deselect this feature, click on the icon to the left of the feature name and select "X this feature will not be available"
4. Repeat for all features that you do not want to install.

After completing the installation you can register the product to get free updates and get product support.

10. On the final screen, check the "Run Intel(R) Thread Profiler install now" check box to install the Intel(R) Thread Profiler. Thread Profiler helps

developers visualize concurrency and sequencing dependencies within programs that use Win32*, Win64* or OpenMP* threading.

NOTE: you need to uninstall any previous version of the Intel(R) Thread Profiler before you install a new version.

Clear the check box to exit the without installing the Intel(R) Thread Profiler.

11. Follow the prompts to complete the Thread Profiler installation. For more information, see <install_dir>/tprofile/Doc/INSTALL.htm

Uninstalling the VTune (TM) Performance Analyzer

This section explains how to use the various uninstall programs included in this release.

To uninstall this software:

1. Go to: Start > Programs > Intel(R) Software Development Tools > Intel(R) VTune(TM) Performance Analyzer > Add or Remove Components.
The Setup Wizard opens.
2. Click Next.
3. Select Remove and click Next.
4. Click Remove to uninstall the VTune analyzer.

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