



April 2022

QIAGEN[®] System Updater v1.1 User Manual

For downloading and installing Windows[®] update packages on
QIAGEN-provided notebooks

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1 Introduction

1.1 Principles of the QIAGEN System Updater

The QIAGEN System Updater is to update exclusively QIAGEN-provided notebooks hosting Windows 10 (64-Bit IoT) operating system to support the download and installation of update packages with defined operating system updates.

Update packages are not directly delivered, but the QIAGEN System Updater is delivered with a preconfigured list of updates to be downloaded directly from Microsoft®. The tool primarily downloads the defined updates from Microsoft. These updates can be installed either on the same computer to be used for downloading or stored in a removable flash drive to be installed on another computer, for example, on a QIAGEN notebook, which is not connected to the internet.

2 Requirements for QIAGEN System Updater Users

You must have administrator privileges on the computer to run the QIAGEN System Updater and to perform the following tasks:

- QIAGEN System Updater installation
- Obtaining the update packages from Microsoft
- Installing the update packages at the designated computer

3 Installation

To download the QIAGEN System Updater go to the QIAGEN website using the following link: **QIAGEN.com/QSU-Download**

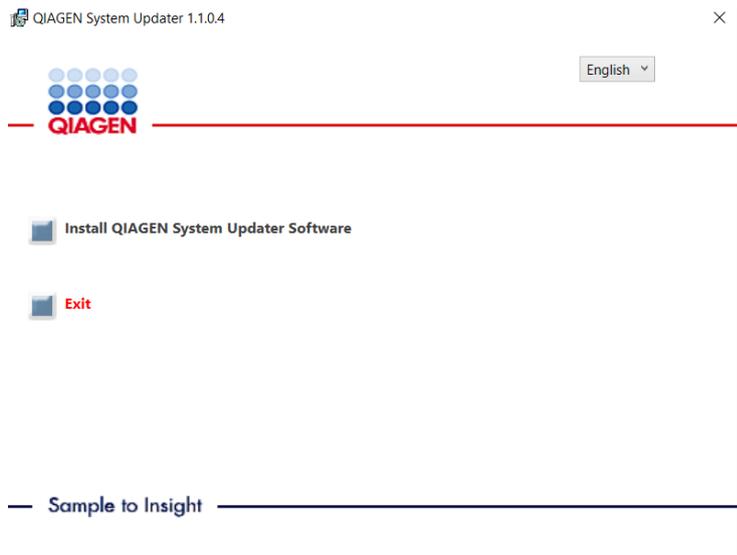
Important: To obtain information about the availability of a new update package delivery via QIAGEN System Updater you need to register under the following link: **<https://go.qiagen.com/QIAGEN-System-Updater>**.

The download package is a ZIP file which contains the installer. You must extract the file once the download package is stored locally. The ZIP file contains the **QSU.Setup.exe** program and other utility files.

Note: The version number (third or fourth digit) in the screenshots of the QIAGEN System Updater or its installer may differ from your current version. This is the case when a new release of the QIAGEN System Updater contains only updated Windows patches and no functional changes. The manual remains then still valid.

To install the QIAGEN System Updater:

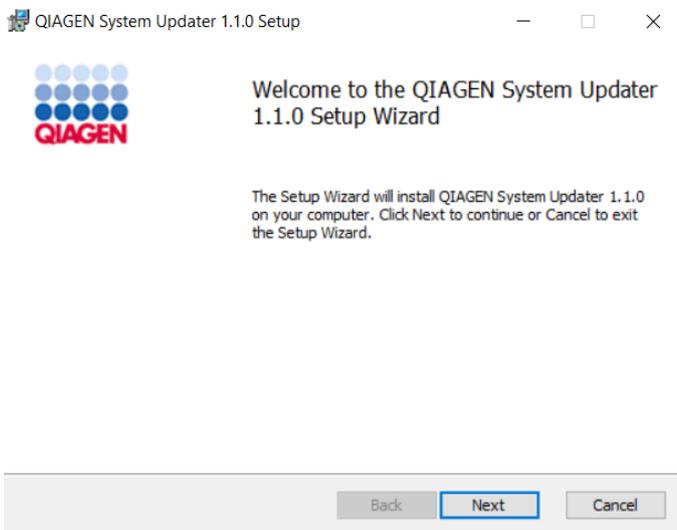
1. Run the **QSU.Setup.exe**. A window opens with the following dialog box:



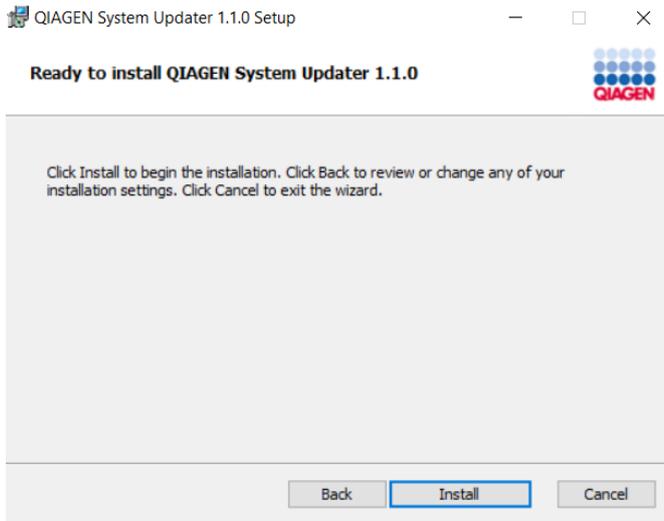
2. To start the tool installation, click **Install QIAGEN System Updater Software**. A Setup Wizard appears.

Note: If the QIAGEN System Updater is already installed, the first button label is **Uninstall QIAGEN System Updater Software** which enables you to uninstall the former version of the tool.

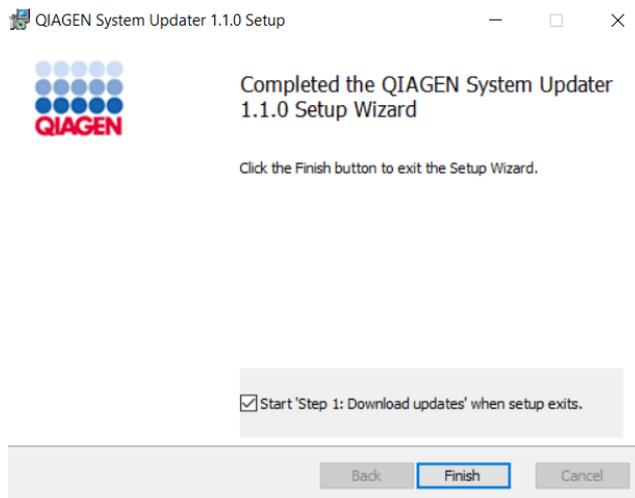
If you decide not to install the QIAGEN System Updater tool, click **Exit**.



3. To show the end user license agreement, click **Next**.
4. Read the end user license agreement and check the box to accept the agreement, then click **Next**.
5. Select the destination folder of the installation then click **Next**.



6. To begin the installation, click **Install**. A confirmation appears if the installation is successfully completed.



7. To run the tool immediately after installation, check the **Start 'Step 1: Download updates' when setup exits** box.
8. Click **Finish** to exit the Setup Wizard.

3.1 Downloading and Installing Windows Update Packages

This section provides the procedures on how to download and install the Windows update packages by using the QIAGEN System Updater.

If your QIAGEN notebook is connected to the internet, the bundled updates can be stored locally and installed directly on your notebook computer after the bundle is created.

If the QIAGEN notebook to be updated is not connected to the Internet, a separate computer with internet access is required to download and to bundle the necessary Windows updates. This bundle can be transferred to the respective QIAGEN notebook to be updated, for example using a removable flash drive.

3.1.1 Downloading Windows Update Packages

Ensure that enough disk space is available. The downloadable Windows updates may require up to 5 GB of disk space.

Note: To update an offline QIAGEN notebook, select your removable flash drive by clicking the **Browse** button to select the folder for the downloaded files.

Note: Switch off connected devices and close running applications before you start the download process.

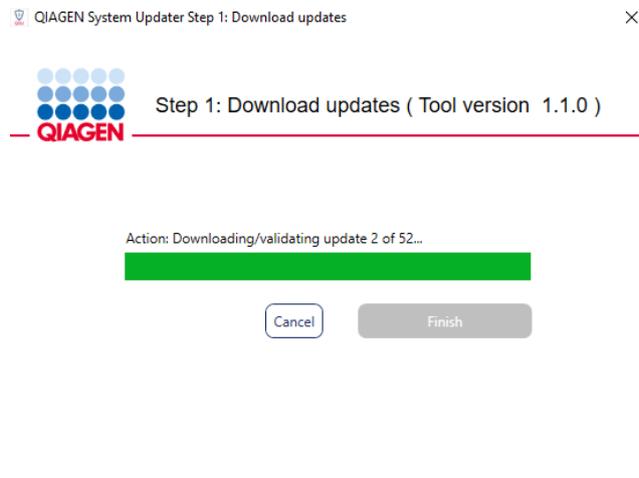
To download Windows update packages:

1. Run the **QIAGEN System Updater** tool.

The screenshot shows a window titled "QIAGEN System Updater Step 1: Download updates" with a close button (X) in the top right corner. The window features the QIAGEN logo and the text "Step 1: Download updates (Tool version 1.1.0)". Below this, there is a section for "Select folder to save files" with a text input field containing "C:\Users\Public\Desktop" and a "Browse" button with an information icon (i). An information icon (i) is also present next to the "Browse" button. Below this section, there is a warning message: "Switch off connected instruments and close running applications in order to proceed. The download process may take a while." Below the warning, there is a section for "Proxy Server Address (optional)" with an empty text input field and an information icon (i). At the bottom, there are two buttons: "Close" and "Start downloading updates".

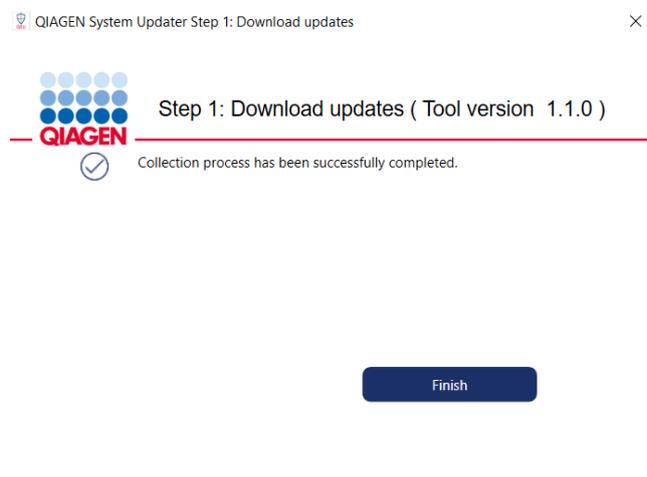
In case of restricted internet access, you must specify a proxy server address to access the Internet (Contact your local administrator for validation of proxy server address). Insert a valid http proxy server address (e.g., **http://thisismyproxy.com:8080**).

2. Click **Start downloading updates**. A window appears to display the status of the download process.



Note: Depending on the Internet connection and the network load, the download may take some time to complete.

3. A confirmation appears if download is successfully completed. To finalize the download procedure, click **Finish**.



3.1.2 Installing Windows Update Packages

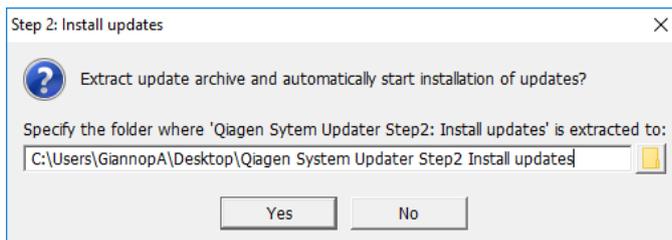
After successful download of the update packages, a self-extracting archive is available in the download folder, which you specified at the start of the download procedure (see **Downloading Windows Update Packages** section).

Transfer this archive to the QIAGEN notebook to be updated. For example, by using a removable flash drive.

Note: Ensure that the transport medium is free of malicious software. For example, scan the removable flash drive using a virus scanner before using it. Plug in the computer's power cord to ensure that your computer maintains power during the installation process.

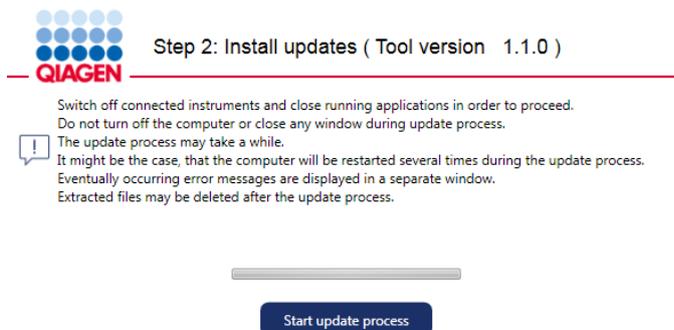
To install Windows update packages:

1. Run the self-extracting archive to open the following dialog box:



2. Specify the folder where the updates should be stored before they are installed. To select a different folder, click the **Browse** icon next to the default file location and navigate to your desired directory.
3. Click **Yes**.
4. To start the update process, click **Start update process**.

Note: Ensure that all connected QIAGEN devices are switched off and any running applications are closed before starting the update.



5. A confirmation appears if the installation is successfully completed. To finalize the installation procedure, click **Finish**.
Note: Installing Windows updates might restart the computer several times. Do not switch off the computer during the update procedure.

4 Appendices

4.1 QIAGEN System Updater Software License Agreement

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4.2.1 [7-Zip](#)

Source code is available at <https://www.7-zip.org/>

7-Zip

License for use and distribution

7-Zip Copyright © 1999–2018 Igor Pavlov.

The licenses for files are:

- 7z.dll:
 - The “GNU LGPL” as main license for most of the code
 - The “GNU LGPL” with “unRAR license restriction” for some code
 - The “BSD 3-clause License” for some code

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Redistributions in binary form must reproduce related license information from this file.

Note:

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Igor Pavlov

4.2.4.1 SevenZipSharp

Source code is available at <https://github.com/tomap/SevenZipSharp>.

GNU Library General Public License (LGPL)

Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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6. As an exception to the Sections above, you may also combine or link a “work that uses the Library” with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer’s own use and reverse engineering for debugging such modifications.

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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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4.2.4.2 WSUS offline

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4.2.4.4 Aria2

aria2 1.33.1

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This product includes cryptographic software written by Eric Young (ey@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

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This package is an SSL implementation written by Eric Young (ey@cryptsoft.com).

The implementation was written so as to conform with Netscapes SSL.

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4.2.4.5 WiX

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5 Document Revision History

Date	Changes
R1, October 2018	Initial release
R2, April 2021	Updated for the release of version 1.1 of the QIAGEN System Updater.
R3, April 2022	Updated for the worldwide release of the QIAGEN System Updater beginning with version 1.1.1

Up-to-date QIAGEN System Updater and user manual are available for download at go.QIAGEN.com/QIAGEN-System-Updater or can be requested from QIAGEN Technical Services or your local distributor.

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