

Filmora Technical Documentation

Revision History

Date	Comments	Version Number
2025-03-03	Create document	1.0

System Requirements

For Windows

- **You may need to update your graphics drivers to run Filmora. Please keep your computer's graphics drivers updated to get the best performance out of your hardware. *[*Find out how >*](#)***
- **Supported OS** : Windows 11/Windows 10/Windows 8.1/Windows 7 (**[64 bit OS](#)**).
- **Processor** : Intel 6th Gen, AMD Ryzen 3 1300X or higher.
(Intel 9th Gen or newer CPU recommended for HD and 4K Videos).
- **RAM** : 8 GB RAM (16 GB required for HD and 4K videos).
- **Graphics** : NVIDIA GeForce GTX 1050TI or later; NVIDIA GeForce MX550 or later; AMD Radeon RX 500 or later (Except Radeon RX VEGA Series); Intel UHD Graphics 630 or later
2 GB vRAM (4GB required for HD and 4K videos).
- **Display Resolution** : 1280 x 800 or larger (1920 x 1080 is recommended)
- **Disk** : At least 10GB free hard-disk space for installation (SSD-Solid State Disk recommended for editing HD and 4K videos).
- **Internet** : Internet connection is necessary for software registration and access to online services like **[Creative Assets](#)**.

For MacOS

- **Minimum Requirments of Mac:** iMac in or after 2017; Macbook in or after 2018
Recommended: iMac in or after 2019; Macbook in or after 2020
- **Operating System:** MacOS V15 (Sequoia, *Only Compatible with Filmora V13 or later versions*), macOS V14 (Sonoma), macOS V13 (Ventura), macOS V12 (Monterey), macOS v11 (Big Sur), macOS v10.15 (Catalina). Also compatible with the Apple M-series.
If you are using macOS X 10.14, [click here to get the Filmora Version 12.4 »](#)
If you are using macOS X 10.12 to 10.13, [click here to get the Filmora Version 10.5 »](#)
- **Memory:** 8 GB RAM (16 GB required for HD and 4K videos).
- **Graphics:** Iris Plus Graphics 645 or later; AMD Radeon Pro 555 or later.
2 GB vRAM (4 GB required for HD and 4K videos).
- **Display Resolution :** 1366 x 768 or larger (1920 x 1080 is recommended)
- **Disk:** At least 10 GB free hard-disk space for installation (SSD-Solid State Disk recommended for editing HD and 4K videos).
- **Internet:** Internet connection is necessary for software registration and access to online services like [Creative Assets](#).
- **Performance:** For Mac users, Filmora has newly supported **metal rendering** to enhance and improve video editing efficiency; It also added **Expanded P3 Color Gamut** to enhance color accuracy.

Tech Specifications of Filmora

For Windows

Supported Input Formats

Type	Container formats
Video Formats	MPEG-1/2 Video file: (.mpg, .mpeg, .m1v, .m2v)
	MPEG-4 Video file: (.mp4, .m4v, .3gp, .3g2, .3gp2)
	AOMedia Video 1 (.av1)
	QuickTime Movie File: (.mov encoded with MPEG 4 or MJPEG codec only)
	Camcorder File: (.dv, .mod, .tod, .mts, .m2ts, .m2t)
	Flash Video: (.flv, .f4v)
	Windows Media: (.wmv, .asf)
	Audio Visual Interleave (.avi)
	Matroska Video File: (.mkv encoded with MPEG 4 or MJPEG codec only)
	HTML5 Video File: (.mp4, .webm, .ogv)
	Non-encrypted DVD Titles: (.vob, .vro)
Audio Formats	.mp3, .m4a, .wav, .wma, .ogg, .flac, .aif, .aiff
Photo Formats	.svg, .jpg, .png, .bmp, .gif, .tif, .tiff

Supported Output Formats

Type	Container formats or Device/SNS profiles
Format	Common video/audio/photo formats
	4K
Devices	iPhone, iPad, Apple TV, Apple TV 4K, iPod, Samsung Galaxy, Smart phone, Android Generic, Google Pixel, Xbox one, PlayStation 4, PSP, Smart TV
Social Network	YouTube, Vimeo, Tiktok
DVD	DVD disc, DVD folder, ISO disc image file

- Some of the above codec formats may need to be supported by system.

For MacOS

Supported Input Formats

Type	Container formats
Video Formats	MPEG-1/2 Video file: (.mpg, .mpeg, .m1v, .m2v)
	MPEG-4 Video file: (.mp4, .m4v, .3gp, .3g2, .3gp2)
	AOMedia Video 1 (.av1)
	QuickTime Movie File: (.mov encoded with MPEG 4 or MJPEG codec only)
	Camcorder File: (.dv, .mod, .tod, .mts, .m2ts, .m2t)
	Flash Video: (.flv, .f4v)
	Audio Visual Interleave (.avi)
	Matroska Video File: (.mkv encoded with MPEG 4 or MJPEG codec only)
	HTML5 Video File: (.mp4, .webm, .ogv)
	Non-encrypted DVD Titles: (.vob, .vro)
	Dolby Version Videos
	ProRes
Audio Formats	.mp3, .m4a, .wav, .wma, .ogg, .flac, .aif, .aiff, .caf, .au
Photo Formats	live photos, .svg, .jpg, .png, .bmp, .gif, .tif, .tiff

Supported Output Formats

Type	Container formats or Device/SNS profiles
Format	Common video/audio/photo formats
	4K
Devices	iPhone, iPad, Apple TV, Apple TV 4K, iPod, Galaxy S, Android Generic, Smart phone, Xbox one, PlayStation, PSP
Social Network	YouTube, Vimeo, Tiktok
DVD	DVD disc, DVD folder, ISO disc image file

Download Link of the full packet

<https://support.wondershare.com/how-tos/wondershare/product-download.html>

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Filmora

2. Select platform

Windows
Mac QT
Mac

3. Select version

Silence Installation

Parameters description

Parameter	Description
/VERYSILENT	Runs the installation in silent mode, suppressing all dialogs and notifications.
/NOPAGE	No pop-up page will appear after installation
/LANG	ENG,DEU,FRA,ITA,PTG,ESP,NLD,RUS,JPN,CHA,CHS,ARA,KOR,INA,SWE Example: /LANG=ENG

Command

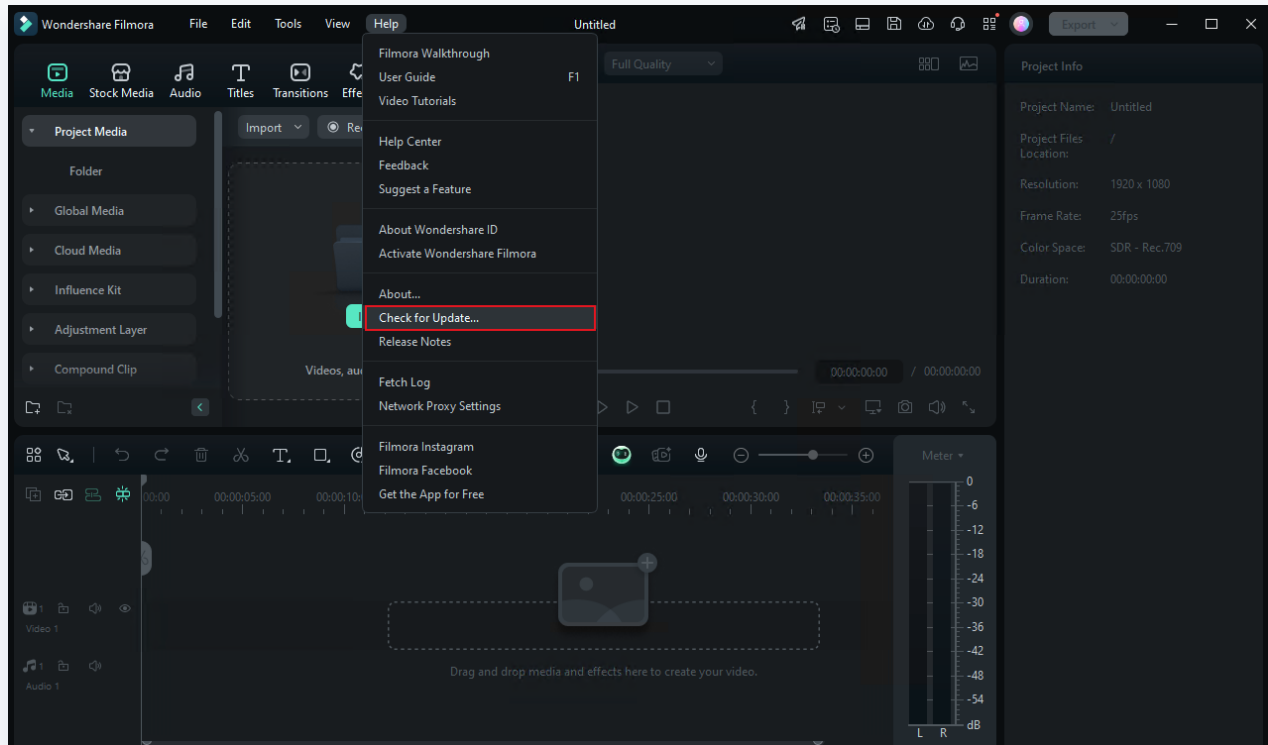
```
1 | "path\exe file name" /VERYSILENT /NOPAGE /LANG=ENG
```

Example

```
1 | "C:\Users\ws\Downloads\Filmora_64bit.exe" /VERYSILENT /NOPAGE /LANG=ENG
```

Check for Updates

1. **Open Wondershare Filmora:** Start the Wondershare Filmora application on your computer.
2. **Click New Project:** Upon opening Filmora, click on "New Project" to create a new project or open an existing one. This step is crucial as it initializes the application environment.
3. **Access the Help Menu:** Click on the "Help" option located at the top of the Filmora window. This is typically found in the top menu bar.
4. **Check for Updates:** From the drop-down menu that appears after clicking "Help," select the "Check for Update..." option. This will initiate the process of checking for available updates.
5. **Follow the On-Screen Instructions:** If an update is available, you will be prompted with instructions on how to proceed with the update. Follow these instructions carefully to ensure a smooth update process.
6. **Install the Update:** Once the update is downloaded, you may be asked to install it. Follow the prompts to complete the installation.
7. **Restart Filmora:** After the update is installed, restart Wondershare Filmora to apply the changes.



AI Related

Technology Providers

Platform	AI feature
Microsoft(OpenAI GPT 4O)	AI Copilot,STT, TTS
11labs	TTS
Google	STT
Soundraw	AI Music
Wondershare	AI Image

User Guide of Filmora AI Credits

Please refer <https://filmora.wondershare.com/filmora-ai-credits-rule.html>

Useful Resource

Items	Link
Wondershare Account Center User Manual	https://prod-res.wondershare.cc/prod-att/Wondershare_Account_Center_User_Manual_resource_5501_11.3.0.html
Video Tutorial & Youtube Channel	1. https://filmora.wondershare.com/tutorial.html 2. https://www.youtube.com/@FilmoraWondershare
Document guide for Filmora	https://filmora.wondershare.com/guide/
What's New	https://filmora.wondershare.com/whats-new-in-filmora-video-editor.html
FAQ	https://support.wondershare.com/how-tos/filmora/