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Media Foundation Codecs For Windows 10 and 11

These codecs are for example used by the following applications:

- Windows Media Player (new modern Windows 11 version)
- Windows Media Player (legacy) (can also use DirectShow codecs)
- Movies&TV / Films&TV
- Windows Photo Viewer
- Windows Explorer (for thumbnails)
- Adobe Premiere
- Vegas Pro
- DeoVR
- Davinci Resolve

Below you can find links to download several Media Foundation codecs. For example **HEVC Video Extension**.

These codecs can fix and solve errors like these:

- Error 0xc00d5212 - This item was encoded with a format that's not supported
- Error 0xc00d1199 - Unsupported file format or codec not installed
- Error 0xc00d0bb8 - Codec not installed
- Error 0xc00d36c4 - File format not supported or file extension doesn't match the actual format
- Error 0xc00d11b1 - Generic audio or video playback error. Often caused by outdated drivers or codec issues.
- Error 0xc00d0bbe - File is corrupt or not valid. Often happens with partially downloaded or damaged media files.
- Error 0xc00d2ee0 - Playback failed due to a missing or corrupted codec
- Error 0xc00d2ef9 - WMP encountered an unexpected error while processing the file. General processing failure.
- Error 0xc00d0fcf - WMP can't play the file because the required codec is not installed.

Microsoft Store

Microsoft has made several Media Foundation codecs. You can download them for free from the Microsoft Store. There is also an alternative method to directly download their installers. This method is explained further down this page.

The only codec that is not always free in the store is the HEVC Video Extension. That one is \$1 in the Microsoft store. However, there is also a free version of this codec available. The free version only works if you have a modern graphics card (GPU) that has hardware decoding ability for HEVC. You need to use the alternative method below to download it (or use the ZIP download link).

- Micro
- HEVC
- VP9 V
- AV1 V
- MPEG
- Web I
- HEIF
- WebP
- JPEG
- Raw I

Welcome to Codec Guide

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Download

Someone made a ZIP package containing all installers that can be downloaded with the method below.

[Download](#)

([Mirror 1](#) - [Mirror 2](#) - [Mirror 3](#) - [Mirror 4](#) - [Mirror 5](#) - [Mirror 6](#))

Alternative method

You can directly download installers for things that are available in the Microsoft Store using [Adguard Store](#).

The downloaded file will be an **.appxbundle** file. It is an official file from Microsoft and is digitally signed.

These .appxbundle files are installers, so simply double-click on them to install.

Here is a list of the **ProductIDs** for all available Media Foundation codecs:

HEVC	9N4WGH0Z6VHQ
VP9	9n4d0msmp0pt
AV1	9mvzqvxbq9v
MPEG-2	9n95q1zzpmh4
Web media	9n5tdp8vcms
HEIF image	9pmmsr1cgpwg
AC-3/E-AC3	9nvjqjbdkn97
AC-4	9p7646qph1q0
Webp image	9pg2dk419drq
JPEG XL image	9mzprth5c0tb
Raw image	9nctdw2w1bh8

From the generated links by Adguard, you only need to download the .appxbundle file.

These installers also require that the Windows Store is installed. If you use a customized Windows installation that does not include it, then you need to install that first.

Uninstallation

You can uninstall these codecs via Windows Settings. Same way as you uninstall other items downloaded from the Microsoft store.

Updates

The codecs will be updated automatically by the Windows Store.

Silent install

You can do a silent unattended installation using this PowerShell command:

```
Add-AppxPackage -Path "c:\path\to\installerfile.AppxBundle"
```

Media Feature Pack

If you have a European **N** or Korean **KN edition** of Windows then you should also first install the Media Feature Pack from Microsoft to gain additional multimedia functionality.

You can recognize these special versions of Windows by the fact that they do not include Windows Media Player by default.

You can acquire this media package through Windows settings:

Start > Settings > Apps > Apps & Features > Optional Features > Add a feature > Media Feature Pack

Alternative player

Are you still unable to play certain files after installing the codecs above? Then you should try the MPC-HC player that is included in the K-Lite Codec Pack. That can play pretty much everything!

The players from Windows have limited capabilities and do not support exotic formats.

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