

Heroic Games Launcher

Epic Games Store

on Linux Mint 22 (Intel iGPU)

The official Epic launcher runs poorly under Wine. Heroic logs in to your Epic account and installs/runs your Epic library (uses Wine/Proton + DXVK). No sudo needed for the steps below.

1. Prerequisites

```
sudo apt install wine libfuse2t64 mesa-vulkan-drivers mesa-vulkan-  
drivers:i386 \  
    libgll-mesa-dri:i386 intel-media-va-driver-non-free vulkan-tools  
  
#(32-bit support: sudo dpkg --add-architecture i386 && sudo apt update)
```

2. Install Heroic (AppImage)

```
mkdir -p ~/Applications ~/.local/share/applications ~/.local/share/icons  
curl -fL -o ~/Applications/Heroic.AppImage \  
https://github.com/Heroic-Games-Launcher/HeroicGamesLauncher/releases/downlo  
ad/v2.22.3/Heroic-2.22.3-linux-x86_64.AppImage  
chmod +x ~/Applications/Heroic.AppImage
```

3. Menu launcher + icon

```
cd /tmp && ~/Applications/Heroic.AppImage --appimage-extract  
'usr/share/icons/hicolor/512x512/apps/heroic.png'  
cp /tmp/squashfs-root/usr/share/icons/hicolor/512x512/apps/heroic.png  
~/.local/share/icons/heroic.png  
cat > ~/.local/share/applications/heroic.desktop <<'EOF'  
[Desktop Entry]  
Name=Heroic Games Launcher (Epic Games)  
Comment=Epic Games Store client for Linux  
Exec=/home/wuff/Applications/Heroic.AppImage --enable-  
features=VaapiVideoDecoder %U  
Icon=/home/wuff/.local/share/icons/heroic.png  
Type=Application  
Categories=Game;  
Terminal=false  
StartupWMClass=heroic  
MimeType=x-scheme-handler/heroic;  
EOF  
update-desktop-database ~/.local/share/applications
```

4. Run, then log in to Epic

```
~/Applications/Heroic.AppImage
```

(or launch "Heroic Games Launcher" from the menu) Log in → Epic Games. In Settings → Wine, pick a Wine-GE/Proton-GE version (Heroic downloads it for you under Wine Manager). DXVK/VKD3D are fetched automatically.

5. Verify Intel GPU acceleration

```
vulkaninfo --summary | grep deviceName      # should list "Intel(R)
Iris(R) Plus Graphics 655"
vainfo                                       # VA-API via iHD driver
Optional per-game env var to force the Intel GPU (ignores llvmpipe):
MESA_VK_DEVICE_SELECT=8086:3ea5 (check with: vulkaninfo --summary)
Tip: for weaker iGPUs, enable FSR upscaling and lower in-game resolution.
```

Update later: re-run step 2 with the new version tag

(<https://github.com/Heroic-Games-Launcher/HeroicGamesLauncher/releases>).

! below are older instructions for Lutris. Not tested on current Wine 11/Linux Mint 22 !

Lutris

Lutris is an Open Source gaming platform for Linux. It installs and launches games so you can start playing without the hassle of setting up your games. Get your games from GOG, Steam, Battle.net, Origin, Uplay and many other sources running on any Linux powered gaming machine.

Lutris uses community contributed installation scripts to provide an optimal experience and setup. Once installed, games are launched with programs called runners. Those runners include RetroArch, Dosbox, customized Wine versions and many more!

<https://lutris.net/>

First install Wine and then download Lutris from its website. <https://itsfoss.com/wine-5-release/>
<https://lutris.net/downloads/>

Latest Develop Wine 5.16 for Linux Mint 20:

```
sudo dpkg --add-architecture i386
wget -O - https://dl.winehq.org/wine-builds/winehq.key | sudo apt-key add -
sudo apt-add-repository 'deb https://dl.winehq.org/wine-builds/ubuntu/ focal
main'
#sudo add-apt-repository ppa:cybermax-dexter/sdl2-backport
sudo apt update && sudo apt install --install-recommends winehq-devel
sudo apt-get install libgnutls30:i386 libldap-2.4-2:i386 libgpg-error0:i386
libxml2:i386 libasound2-plugins:i386 libsdl2-2.0-0:i386 libfreetype6:i386
libdbus-1-3:i386 libsqlite3-0:i386
```

```
sudo apt install meson libsystemd-dev pkg-config ninja-build git libdbus-1-
```

```
dev libsystemd-dev:i386 libdbus-1-dev:i386 gcc-multilib
sudo apt install dbus-user-session
```

```
#For AMD/Intel GPU
sudo dpkg --add-architecture i386
sudo apt-get install libgl1-mesa-dri:i386
sudo apt-get install mesa-vulkan-drivers mesa-vulkan-drivers:i386
```

#Note ubuntu package PPA not available any longer, install debian 11 for ubuntu/mint.

```
echo "deb
https://download.opensuse.org/repositories/home:/strycore/Debian_11/ ./" |
sudo tee /etc/apt/sources.list.d/lutris.list
wget -q
https://download.opensuse.org/repositories/home:/strycore/Debian_11/Release.
key -0- | sudo tee /etc/apt/trusted.gpg.d/lutris.asc
sudo apt update
sudo apt install lutris
```

Epic Games Store for Linux

Launch Lutris.

Locale error may pop up when launching from console (and nothing happens launching from GUI). Solution would be to set locale before launching Lutris: `export LC_ALL=C`

Note: You'll have to enter this command every time you launch Lutris. So better to add it to your `.bashrc` or list of environment variable.

Once that is done, simply launch it and search for "Epic Games Store". Launch it and log in to your account to get started. <https://lutris.net/games/epic-games-store/>

general linux gaming

https://www.reddit.com/r/linux_gaming/comments/g774us/how_to_set_up_ubuntu_2004_for_gaming_tutorial/

Info

Win10 Guest in Virtualbox Graphical glitches with VBoxSVGA + 3D acceleration → Win10 Settings colours, turn off transparency effects

INTEL-MESA: warning: Performance support disabled, consider `sysctl dev.i915.perf_stream_paranoid=0`

`sysctl -w dev.i915.perf_stream_paranoid=0` This command makes a temporary change that is lost

after reboot. To make a permanent change, enter: `echo dev.i915.perf_stream_paranoid=0 > /etc/sysctl.d/60-mdapi.conf`

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:linux-gaming>

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