

# Review: Mageia 7

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Mageia is a user friendly, desktop-oriented Linux distribution. The project originally grew out of the Mandriva family of distributions and is independently developed. The project's latest release is Mageia 7 which, according to the project's release notes, offers 18 months of support. Mageia 7 drops support for the ARMv5 architecture while adding support for 64-bit ARM (Aarch64) and improving support for ARMv7. While ARM packages are being built, ARM installation media is not yet featured on the project's download page. The new release includes the DNF command line package manager and features the ability to play MP3 files - MP3 support was not included by default in previous releases due to patent restrictions.

The release notes mention that GNOME users can enjoy their desktop running on a Wayland session by default with X.Org available as an alternative. KDE Plasma users will have the opposite experience with their desktop running on X.Org and a Wayland session available through a package in the distribution's repositories. The documentation also mentions that when running a GNOME on Wayland session some graphical administrator tools will not work when run through su or sudo. The user can run these tools with their regular user privileges and the system will prompt for an admin password when necessary.

Mageia is available for the 32-bit (x86) and 64-bit (x86\_64) architectures. We can either download an install DVD with multiple desktop packages bundled or we can download live media with the Plasma, GNOME, or Xfce desktops. There are smaller net-install disc images available too. I decided to try the KDE Plasma live disc which is a 2.8GB download.

Booting from the live media brings up a menu which gives us the option of immediately loading the project's system installer or launching a live desktop environment. Choosing the live desktop brings up a series of graphical screens

asking us to select our language from a list, confirm the distribution's license agreement, and we are offered a chance to read the release notes. We are then asked to select our time zone from a list and confirm our keyboard's layout.

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[3] <https://distrowatch.com/weekly.php?issue=20190708#mageia>