**Ubuntu** – Ubuntu is a Linux operating system. Ubuntu is free to use in both a non-professional and professional setting. Ubuntu was created because the manufacturer believes that software tools should be usable by people in their native language and regardless of if they have any disability or not. Ubuntu has a look that is different from other versions of Linux because of its theme called Yaru.

**Red Hat Enterprise Linux** – Red Hat was created to target the commercial market. Red Hat provides its source code free of charge but has a strict trademark rule to restrict consumers to distribute the software to other users. Red Hat’s default user interfaces is GNOME Shell and Bash. Red Hat was released on February 22, 2000.

**Oracle Linux** – Oracle Linux was created from a package that was originally built for Red Hat Enterprise. Oracle has a feature built in that enables its administrators to update the kernel without rebooting. Oracle has a default user interface that consists of GNOME and KDE. Oracle is used to help accelerate digital transformation.

**Neptune** – Neptune is a Linux that was created for desktops. The purpose of this Linux is to provide an easy-to-use USB installer and pre-configured multimedia playback. Neptune’s main focus is to provide an elegant experience for users, so they have a simple multimedia tolls such as the flash player.

**Endless OS** – Endless OS provides a simplified user experience with a customized desktop environment from GNOME 3. Endless does not use a traditional Linux package but it uses a read-only root file system manage by OSTree.

**Arch Linux** – The main target for Arch Linux is competent users. Arch Linux uses pacman to provide updates on the latest software’s. Arch can be installed from a CD or FTP server. It provides a way to modify, build and share packages with other users that are using Arch Linux.

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| --- | --- | --- | --- | --- |
| Company  Organization | Distro Name | Version | Common Uses | Uniqueness |
| Canonical | Ubuntu | 22.04.1 LTS | Free of cost, privacy, free apps, user-friendly | Single platform that scales from consumer electronics to the desktop and up to the cloud for enterprise computing |
| Red Hat Enterprise Linux | Red Hat Enterprise Linux | 9:9.0 | Automation, cloud, containers, middleware, storage, application development, microservices, virtualization, management | Certified with thousands of vendors and across hundreds of clouds. |
| Oracle Corporation | Oracle Linux | 9.0 | delivers virtualization, management, automation, and cloud native computing tools | highly reliable, highly secure, and cloud-ready operating system |
| Neptune | Neptune | 21.06.2022 | graph use cases such as recommendation engines, fraud detection, knowledge graphs, drug discovery, and network security | Its attractive icon theme provides a handsome user experience |
| Endless | Endless OS | 4.0.3 | create documents, presentations, and spreadsheets | free, easy-to-use operating system preloaded with over 100 apps |
| Arch Linux | Arch Linux | 2022.10.01 | Arch benefits expert users of Linux systems | Arch updates are a treat for every user who loves to try new features as soon as they release |

**Citations:**

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