



Vajra Linux Documentation

Current latest version: 1.0 "Indra"

The installation guide is already put up on the 'Vajra Linux' YouTube channel.

Introduction to Vajra Linux

1. **A Revolutionary Operating System:**

Vajra Linux is a modern, lightweight, and high-performance operating system meticulously crafted to empower users with unmatched speed, security, and versatility. Its core philosophy is inspired by "**Vajra**", a symbol of strength and brilliance in Indian culture, reflecting the OS's resilience and power.

2. **Three Distinct Editions for Every Need:**

- **Core Edition:** The perfect blend of simplicity and speed, designed for everyday users who value seamless performance and aesthetic elegance. Ideal for general-purpose tasks, it ensures an efficient experience even on older hardware.
- **Education Edition:** A transformative learning platform tailored for students and educators, featuring pre-installed tools like interactive quizzes, offline Wikipedia, and coding environments. It bridges the gap between technology and education, making it an indispensable tool for academic excellence.
- **Development Edition:** A powerhouse for programmers, developers, and cybersecurity enthusiasts. Preloaded with

advanced tools such as IDEs, version control systems, and cybersecurity utilities, it provides a cutting-edge environment for innovation and problem-solving.

3. **Pioneering Indian-Centric Design:**

Rooted in the needs of Indian users, Vajra Linux comes with multi-language support for major Indian languages, pre-installed regional tools, and localized resources. It embodies a celebration of India's diversity while being globally adaptable.

4. **Aesthetic Customization at Its Core:**

With layout options like **Windows-like** and **macOS-like** interfaces, Vajra Linux offers users a familiar and highly personalized desktop experience. Its thoughtfully designed themes and wallpapers further enhance its visual appeal.

5. **Innovative and Robust Technology:**

Built on the reliable XFCE desktop environment and powered by optimized Ubuntu or Debian architecture, Vajra Linux ensures stability, scalability, and low resource consumption. It's engineered to perform flawlessly across all system configurations.

6. **Empowering Tools and Utilities:**

From advanced privacy features and secure internet browsing to offline educational content and developer-focused toolsets, Vajra Linux equips its users with everything they need to thrive in the digital age.

7. **A Commitment to Open Source Excellence:**

Vajra Linux is a tribute to the spirit of open-source collaboration, offering a platform that fosters innovation, learning, and community-driven growth.

How to Use Vajra Linux

1. Getting Started with Vajra Linux

1. Logging In:

- After booting into Vajra Linux, enter your username and password on the login screen.
- Press "Enter" to access the desktop environment.

2. Understanding the Desktop:

- The desktop features a **Whisker Menu** for applications (bottom-left corner).
- Access system settings, installed apps, and tools from this menu.
- The **taskbar** shows open applications, while the **system tray** (bottom-right) includes notifications, volume, and network settings.

3. Shutting Down or Restarting:

- Click the power icon in the system tray or use the **Whisker Menu > Logout** to access shutdown, restart, or sleep options.

2. Update, Install, and Delete Packages/Apps

1. Updating the System:

- Click on the '**open-box**' icon in the taskbar to open the update manager.
- If updates are available, you'll be prompted with a list of packages to be updated. Click the '**Upgrade Now**' button and enter your password when prompted.
- The system will automatically download and install the updates.

2. Installing or Deleting Packages/Applications:

- **Using Synaptic Package Manager:**
 - Open the **Synaptic Package Manager** from the menu.
 - To install a package:
 1. Search for the application or package name.
 2. Right-click on it and select **Mark for Installation**.

3. Click **Apply** to begin the installation.
- To remove a package:
 1. Locate the package, right-click, and select **Mark for Removal** or **Mark for Complete Removal**.
 2. Click **Apply** to confirm.
- **Using MX Package Installer:**
 - Open the **MX Package Installer** from the menu.
 - Browse the available categories or search for the application name.
 - Click **Install** or **Remove** to perform the desired action.
 - Note: While the MX Package Installer is user-friendly, it may have fewer options compared to Synaptic.

3. Installing Appropriate Drivers

1. **For AMD GPUs or Integrated Graphics:**
 - Open-source drivers are automatically installed for AMD GPUs and integrated graphics during system setup. These drivers are highly efficient and provide excellent performance for most use cases. No additional action is needed.
2. **For NVIDIA GPUs:**
 - While open-source drivers are available, proprietary NVIDIA drivers offer significantly better performance, especially for gaming or CUDA-based applications.
 - To install proprietary NVIDIA drivers:
 - Open the **Whisker Menu** and search for **NVIDIA Driver Installer**.
 - Run the tool and follow the on-screen instructions in the terminal to complete the installation.
 - Reboot your system after the installation to apply the changes.

4. Changing System and Keyboard Language

1. **Changing the System Language:**
 - Open **MX Locale** from the menu.
 - You'll see the default locale set as **eng_IN.UTF-8**. Click on it to view a list of available locales.

- Select your desired language from the list and apply the changes.
- Next, go to **Settings > Appearance > Fonts** and choose a font compatible with the script of your selected language for the best display experience.

2. Changing the Keyboard Language/Layout:

- On the taskbar, locate the **"EN"** or **keyboard icon** and click on it.
- A list of available keyboard layouts will be displayed.
- Select your desired keyboard language/layout from the list. The system will immediately apply the change.

For more tips/solutions you can refer to the 'User Manual by MX Linux' from the whisker menu.

About Vajra Linux

- **YouTube Channel:** [Vajra Linux on YouTube](#)
Discover engaging video tutorials, in-depth walkthroughs, and community updates for Vajra Linux. Stay tuned for exclusive tips, feature showcases, and discussions on open-source technologies.
- **GitHub Repository:** [Vajra Linux on GitHub](#)
Vajra Linux is an open-source initiative aimed at creating a lightweight, versatile, and highly customizable Linux distribution. Visit the repository to explore the codebase, contribute ideas, report issues, or collaborate with like-minded developers.

About the Developer

Hrishikesh Sachin Kelkar

- A **16-year-old programmer** and **Linux enthusiast** from India, passionate about open-source innovation and technology.
- Hrishikesh has been coding since 2019 and has six years of experience in programming, with a strong focus on Linux systems, cybersecurity, and ethical hacking.

- A visionary creator behind **Vajra Linux**, Hrishikesh aims to make technology more accessible and efficient for Indian users while highlighting the power of open-source collaboration.
- Apart from development, Hrishikesh is also a community member in **It's FOSS** and actively engages with tech enthusiasts globally.

Thank you for reading! Jai Hind!