How to Install CyberPanel on a VPS — The Complete Step-by-Step Guide (2026)

CyberPanel · https://www.hyyat.com/en/knowledgebase/install-cyberpanel-vps/

In short CyberPanel is a free, open-source control panel built on the fast OpenLiteSpeed web server. From one interface you manage websites, WordPress, SSL certificates, email, databases and backups. Install it with a single command on a clean VPS (Ubuntu or AlmaLinux); the panel opens on port 8090 with the user admin.

Embedded media: https://www.hyyat.com/wp-content/uploads/2026/11/hyyat-cp-cp-en.mp4?_=1

If you own a **VPS** and want to manage it through an easy graphical interface instead of the command line, **CyberPanel** is one of the best free options. It is an open-source control panel built on the ultra-fast **OpenLiteSpeed** web server, letting you manage websites, install WordPress, issue SSL certificates, and create email, databases and backups — all from one place. In this guide from the Hyyat Host team we cover installing CyberPanel step by step, with requirements, first login, key settings, and fixes for the most common issues.

What Is CyberPanel and Why Choose It?

CyberPanel is a full management suite that bundles everything you need to run a professional website. It comes in two editions: the **free OpenLiteSpeed** edition, which is enough for most sites, and the **paid LiteSpeed Enterprise** edition for higher performance on large sites. Key advantages:

- **Free and lightweight:** runs efficiently even on modest servers.
- **Faster than Apache:** thanks to LiteSpeed and LSCache, it outperforms traditional panels in page speed — an important factor for user experience and search rankings.
- **One-click WordPress** with the official LiteSpeed Cache plugin.
- **Free automatic SSL** via Let's Encrypt.
- **Built-in email, databases and backups.**

Requirements Before Installing

Make sure your server meets the minimum requirements so the install completes smoothly:

Requirement	Minimum	Recommended
OS	Ubuntu 20.04/22.04 or AlmaLinux 8/9	Ubuntu 22.04
RAM	1 GB	2 GB or more
Storage	10 GB free	20 GB or more
CPU	1 core	2 cores or more
Access	root user	—

Important: Install CyberPanel on a clean, fresh OS only, with no other panel (such as cPanel or aaPanel) or pre-existing web server, as conflicts can break the install. Every Hyyat Host VPS plan lets you reinstall the OS with one click before you start.

Steps to Install CyberPanel on a VPS

Step 1 — Connect via SSH

Use the username and password or SSH key we provided (replace the server address with yours):

```
ssh root@your-server-ip
```

Step 2 — Update the system

```
apt update && apt upgrade -y
```

On AlmaLinux use `dnf update -y`. Updating reduces package errors during install.

Step 3 — Run the official install command

```
sh <(curl https://cyberpanel.net/install.sh || wget -O - https://cyberpanel.net/install.sh)
```

Step 4 — Choose options

Select **Install CyberPanel**, then **OpenLiteSpeed** (free). When asked about add-on services (PowerDNS, Postfix, Pure-FTPd), keep them enabled unless you have a reason not to. You can leave the admin password on auto-generate.

Step 5 — Wait and save your details

The install usually takes **10 to 20 minutes**. At the end, the **admin password and panel URL** are shown — copy and store them safely.

Logging in to CyberPanel for the First Time

Open this address in your browser (put your server address in place of the placeholder):

```
https://your-server-ip:8090
```

A certificate warning may appear on first login because the certificate is self-signed at first — proceed safely. Then log in with the username `admin` and the password you saved, or the one provided by the Hyyat Host team if you asked us to install it.

The Four Most Important Settings Right After Install

1. **Change the admin password immediately** from `Users → Modify User` — an essential security step.
2. **Create your first website** from `Websites → Create Website` by entering the domain, admin email and PHP version.
3. **Issue a free SSL certificate** from `Websites → Manage → Issue SSL` to secure your site with https.
4. **Enable backups** from `Backup → Create Backup`, or schedule recurring backups.

Troubleshooting Common Issues

- **Panel won't open on port 8090:** make sure the server firewall allows port 8090 and that the install actually finished. On Hyyat Host, the VPS firewall allows the essential ports by default.

- **Install stops midway:** usually due to an unclean OS or insufficient memory — reinstall a clean OS and try on a server with 2 GB RAM.
- **Forgot the admin password:** run `adminPass your-new-password` on the server to reset it, or open a ticket.
- **Site is slow despite LiteSpeed:** enable and configure the LiteSpeed Cache plugin in WordPress.

CyberPanel Key Advantages in Detail

CyberPanel is powered by the **OpenLiteSpeed** web server — the open-source edition of the commercial LiteSpeed server — which handles thousands of concurrent connections with far fewer resources than Apache. Combined with **LSCache**, a server-level cache, it speeds up WordPress sites noticeably without heavy plugins, an advantage Apache-based panels cannot match as efficiently.

- **Multiple sites:** host several websites and domains on one server, each with its own settings.
- **Account isolation:** each site runs in its own environment, improving security and preventing one site from affecting another.
- **Per-site PHP version:** switch the PHP version per website from the panel.
- **Built-in firewall:** supports CSF and ModSecurity to block common attacks.
- **Docker and DNS support:** manage domains, DNS records and app containers from one place.

Securing CyberPanel After Install

The panel controls your whole server, so its security is a priority. Right after install:

1. **Issue an SSL certificate for the panel itself** so access on port 8090 is fully encrypted, not self-signed.
2. **Restrict access to port 8090** allow it only from your own IP in the firewall where possible.
3. **Update the panel regularly** from the updates section, to patch vulnerabilities promptly.
4. **Use a strong password** and enable two-factor authentication if your edition supports it.

What You Manage Daily from the Panel

After install, everything is done from one graphical interface without commands:

- Create websites and subdomains and install WordPress with one click.
- Issue free SSL certificates and renew them automatically.
- Create email accounts and mailboxes.
- Manage MySQL databases and their users.
- File manager, FTP, Cron jobs and error logs.
- Backups and restores, plus server resource monitoring.

When Should You Choose CyberPanel?

CyberPanel is an excellent choice if you want a free, lightweight, fast panel to manage WordPress or general sites on a VPS and prefer LiteSpeed performance. If you need broad compatibility with the familiar commercial cPanel environment, another panel may suit you better. Because it is free, you can try it on a test server before relying on it in production.

Next Step

- Change the admin password and create your first website.
- Issue a free SSL certificate to secure your site.
- Enable recurring backups from the start.

And if you'd like us to handle installation, management and security for you, see Hyyat Host VPS management plans or open a ticket — we reply within 24 hours at most.

Frequently asked questions

Is CyberPanel really free?
Yes, the OpenLiteSpeed edition is completely free with no site limit. The paid LiteSpeed Enterprise edition is optional for higher performance.

What is CyberPanel's default port?
Port 8090 over https, i.e. https://your-server-ip:8090 with the username admin.

Does CyberPanel support WordPress?
Yes, one-click WordPress install with the official LiteSpeed Cache plugin for extra speed.

Which operating systems does it run on?

It supports Ubuntu, AlmaLinux, CentOS Stream and Rocky Linux; a clean, fresh OS is recommended.

Can Hyyat Host install it for me?

Yes, through Hyyat Host VPS management plans, or open a ticket and we handle the installation and setup.

Do I need technical skills to use it?

No, after install everything is managed through a simple graphical interface without commands.

Need this service from Hyyat Host?Our team handles it for you, with support replying to tickets within 24 hours at most.

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