How to Install aaPanel on a VPS — The Complete Step-by-Step Guide 2026

VPS control panels · https://www.hyyat.com/en/knowledgebase/install-aapanel-vps/

In shortaaPanel is a free, lightweight and easy control panel that installs the web stack (nginx or Apache, PHP, MySQL) in one click and manages sites, WordPress, SSL and databases from a graphical interface. It installs with a single command on a clean VPS, and after install it shows the panel link, port, username, password and a random security path — save them.

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

If you want a **free, lightweight and easy** control panel to manage a **VPS** without deep command-line experience, **aaPanel** is one of the most popular choices worldwide. It lets you install the full web stack (nginx or Apache with PHP and MySQL) in one click, and manage sites, WordPress, SSL certificates and databases from a simple graphical interface, with a rich plugin store. In this guide from the Hyyat Host team we walk through installing aaPanel step by step, with the requirements, first login, key settings, and fixes for the most common issues.

This guide applies to a VPS. If you don't have one yet, Hyyat Host virtual servers are ready for you: fast NVMe storage, full root control, and Arabic technical support that walks with you step by step from order to first login.

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What is aaPanel and why choose it?

aaPanel is a free control panel known for its **simplicity, light footprint** and wide plugin store. It suits beginners and professionals who want to set up a hosting environment quickly. Its key strengths:

- **One-click stack install:** install nginx or Apache with PHP, MySQL and phpMyAdmin together.
- **Free and lightweight:** runs efficiently even on a modest server.
- **Rich plugin store:** WordPress, Docker, security and backup tools and more in a few clicks.
- **Free SSL certificates** issued automatically via Let's Encrypt.
- **Good security by default:** a random port and login path make unauthorized access harder.

Requirements before installing

Before you start, make sure your server meets the minimum requirements so the install completes without issues:

Requirement	Minimum	Recommended
Operating system	Ubuntu/Debian or AlmaLinux/Rocky/CentOS	Ubuntu 22.04
RAM	1 GB	2 GB or more
Storage	10 GB free	20 GB or more
CPU	Single core	Two cores or more
Access	root user	—

Very important: install aaPanel only on a clean, fresh system with no other control panel or pre-installed web server. Every Hyyat Host VPS plan lets you reinstall the OS in one click before you begin.

Steps to install aaPanel on a VPS

Step 1 — Connect to the server 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/Rocky use `dnf update -y`.

Step 3 — Download the official install command

On Ubuntu and Debian:

```
wget -O install.sh https://www.aapanel.com/script/install-ubuntu_6.0_en.sh
```

Step 4 — Run the installer

```
bash install.sh aapanel
```

Press `y` to accept the default install path. On CentOS/AlmaLinux use the dedicated install_6.0 script from the aaPanel site.

Step 5 — Wait and save your credentials

The install usually takes **5 to 10 minutes**. At the end it shows the **login details**: the panel link (server address + port, default 7800), a **random security path**, and the username and password — copy and save them, since the panel won't open without the security path.

Logging into aaPanel for the first time

Open the link shown to you in this form (with your server address, port and random path):

```
https://your-server-ip:7800/your-random-path
```

A certificate warning may appear on first login — continue safely. Then sign in with the username and password you saved, or the ones Hyyat Host gave you if you asked us to install it. On first login you may be prompted to install the web stack (LNMP/LAMP) — choose it and start.

The four most important settings right after install

1. **Install the web stack** Choose LNMP (nginx) or LAMP (Apache) on first login to set up PHP and MySQL.
2. **Add your first website** From `Website → Add site` by entering the domain and PHP version.
3. **Issue a free SSL certificate** From the site settings → SSL → Let's Encrypt to secure your site with https.
4. **Enable backups** From the backup section or add its plugin, and schedule periodic backups.

Common issues and how to fix them

- **Panel won't open:** make sure you use the full **random security path** with the correct port, and that the firewall allows the port. At Hyyat Host the VPS firewall allows the essential ports by default.
- **Forgot the login details or security path:** run `bt default` on the server to show them again.
- **Install stops midway:** usually an unclean system or not enough memory — use a clean system with 2 GB of RAM.
- **Let's Encrypt issuance fails:** make sure the domain points to your server address in DNS before issuing.

aaPanel's main features in detail

aaPanel's strength is its **ease of use and plugin store**: it sets up a full hosting environment and extends it with ready tools without complex commands, making it great for beginners and anyone who wants a fast setup.

- **Multiple site management:** host several sites and domains with independent settings.
- **Multiple PHP versions:** install several versions and pick the right one per site.
- **Plugin store:** WordPress, Docker, security and monitoring tools in a few clicks.
- **File and database manager:** manage MySQL, phpMyAdmin and files from the interface.
- **Firewall and monitoring:** built-in protection and resource statistics.
- **Scheduled tasks (Cron):** automate backups and maintenance from the panel.

Securing aaPanel after install

The panel manages your whole server, so its security is a priority. Right after install, do the following:

1. **Keep the security path secret** Don't share it; it is a core line of defense in aaPanel.
2. **Enable two-factor authentication** From the panel settings for extra protection of the admin account.
3. **Restrict access to the port** Allow it only from your own IP address in the firewall where possible.
4. **Update the panel and plugins regularly** To patch vulnerabilities as they appear.

What do you manage daily from the panel?

After install, every task is handled from one graphical interface without commands:

- Creating sites and subdomains and installing WordPress.
- Issuing free SSL certificates and renewing them automatically.
- Managing MySQL databases and users via phpMyAdmin.
- File manager, FTP accounts and Cron jobs.
- Installing plugins from the store (Docker, security tools and more).
- Backups and restores, and monitoring server resources.

When should you choose aaPanel?

aaPanel is an excellent choice for beginners and anyone who wants a **fast, easy setup** of a hosting environment with a wide plugin store. If you want a focus on LiteSpeed performance for WordPress choose **CyberPanel**, and if you want integrated mail and DNS choose **HestiaCP**. Being free, try it on a test server before production.

Next step

- Install the web stack and add your first site.
- 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, open a support ticket — we reply within 24 hours at most.

Frequently asked questions

Is aaPanel really free?

Yes, the core version is free with no limit on sites. Some store plugins are optional and paid.

What is aaPanel's default port?

The default port is 7800 with a random security path shown after install; both are needed together to open the panel.

Does aaPanel support WordPress?

Yes, install WordPress from the plugin store or manually after setting up the web stack.

Which operating systems does it run on?

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

I forgot my login details, what do I do?

Run bt default on the server to show the panel link, the security path and the username again.

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.

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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