

# Hosting Plan Comparisons

VPS:- Virtual Private Server.Hosting providers like Hostinger, Digital Ocean.

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Product

AI/ML

Compute

Database & Backups

Storage

Networking

App Platform

Starting at

\$0/month

Simple, fully-managed infrastructure solution

✓ Build, deploy and scale apps quickly

✓ Fully managed solution, zero infrastructure management

✓ Highly scalable

View pricing →

Droplets

Starting at

\$4/month

Highly-efficient virtual machines

✓ Deploy in seconds

✓ Scale up on demand

✓ Run any workload - from mission critical apps to low traffic sites

View pricing →

Kubernetes

Starting at

\$12/month

Simple, managed Kubernetes

✓ Simple, managed Kubernetes built for scale

✓ Free control plane, free bandwidth allowance, and more

✓ Automate and optimize to peak performance

View pricing →

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HOSTINGER

Pricing Services Explore Support Self-hosted n8n

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60% OFF

KVM 1

₹ 999.00

₹ 399.00/mo

Limited time deal

Choose plan

Renews at ₹739.00/mo for 2 years. Cancel anytime.

1 vCPU cores

4 GB RAM

50 GB NVMe disk space

4 TB bandwidth

66% OFF

KVM 2

₹ 1,599.00

₹ 549.00/mo

+2 mo. free

Limited time deal

Choose plan

Renews at ₹999.00/mo for 2 years. Cancel anytime.

2 vCPU cores

8 GB RAM

100 GB NVMe disk space

8 TB bandwidth

71% OFF

KVM 4

₹ 2,599.00

₹ 749.00/mo

Limited time deal

Choose plan

Renews at ₹1,999.00/mo for 2 years. Cancel anytime.

4 vCPU cores

16 GB RAM

200 GB NVMe disk space

16 TB bandwidth

70% OFF

KVM 8

₹ 4,999.00

₹ 1,499.00/mo

Limited time deal

Choose plan

Renews at ₹3,999.00/mo for 2 years. Cancel anytime.

8 vCPU cores

32 GB RAM

400 GB NVMe disk space

32 TB bandwidth

Ask Kodee

## Bluehost:-

Compare all VPS Hosting plans.

1 month 12 months 36 months

Top Features	NVME 2	NVME 4	NVME 8	NVME 16
CPU Cores	1	2	4	8
Storage	50 GB NVMe	100 GB NVMe	200 GB NVMe	450 GB NVMe
RAM	2 GB	4 GB	8 GB	16 GB
Bandwidth	Unmetered	Unmetered	Unmetered	Unlimited
IP Addresses	1 Dedicated IP	1 Dedicated IP	1 Dedicated IP	1 Dedicated IP
cPanel	Not Included	Not Included	Not Included	Not Included

RAM	2 GB	4 GB	8 GB	16 GB
Bandwidth	Unmetered	Unmetered	Unmetered	Unlimited
IP Addresses	1 Dedicated IP	1 Dedicated IP	1 Dedicated IP	1 Dedicated IP
cPanel	Not Included	Not Included	Not Included	Not Included
One Click Template	LEMP, LAMP, Portainer.io, Docker, n8n, WordPress	LEMP, LAMP, Portainer.io, Docker, n8n, WordPress	LEMP, LAMP, Portainer.io, Docker, n8n, WordPress	LEMP, LAMP, Portainer.io, Docker, n8n, WordPress
24/7 Priority Support	Not Included	Not Included	Not Included	Not Included

Features offered:-

vCPU = **how many tasks your server can do at the same time.**

**In your Python website, CPU is used when:**

- A user opens a page
- Flask/Django processes request
- Database queries run
- Form data is validated
- Reports are generated

Each request needs CPU time.

## RAM (Memory)

**What RAM does:**

RAM stores **temporary working data** while your app is running.

Your server keeps in RAM:

- Python app code
- User sessions
- Database cache
- Uploaded files being processed

## NVMe Disk (Storage)

### What is stored on disk?

Disk stores **permanent data**:

- Your app code
- Database tables
- User uploads (images, resumes, documents)
- Logs
- Backups

If server shuts down, disk data stays.





### What is bandwidth?

How much **data flows in and out of server per month**.

Includes:

- Loading pages
- API calls
- Image downloads
- File uploads

Comparison of all 3 plans:-

 <b>DIRECT COMPARISON (BEST MID-RANGE PLANS)</b>					
 <b>Best Business-Level Plans Compared</b>					
Provider	CPU	RAM	Disk	Price	
Bluehost NVMe 4	2 cores	4 GB	100 GB	₹1077	
Intech VPS i6	4 cores	6 GB	100 GB	₹1799	
Hostinger KVM 2 	2 cores	8 GB	100 GB	₹549	

PaaS:-

## ✓ What is PaaS? (Platform as a Service)

### Simple definition:

PaaS is a hosting platform where the company manages the server, security, scaling, and deployments — you only focus on your code.

You just:

- Push code from GitHub
- Platform builds & runs it
- Handles server stuff automatically

Examples:

- Render
- Railway
- Heroku
- DigitalOcean App Platform
- Fly.io (semi-PaaS)




Feature	PaaS (Render/Railway)	VPS (Hostinger/Bluehost)
Server setup	✗ Not needed	✓ Must do
Deployment	Auto from GitHub	Manual
SSL	Automatic	Manual
Scaling	Automatic	Manual upgrade
Security patches	Auto	Your job
Backups	Managed DB backups	You must setup
Monitoring	Built-in	Need tools
DevOps skills	Not required	Required
Control	Limited	Full
Risk of downtime	Low	Higher (if misconfigured)

Cost early  
stage

Slightly higher

Slightly lower

 DIRECT COMPARISON TABLE (UNBIASED)				
Feature	Render	Railway	DO App Platform	Fly.io
Ease of setup	★★★★★	★★★★★	★★★	★★
Beginner friendly	★★★★★	★★★★★	★★★	★
Cost predictability	★★★	★★	★★★★★	★★
Cheap for small apps	★★	★★★★★	★★	★★★★
Scaling	★★★★★	★★★★	★★★★★	★★★★★
Managed databases	★★★★★	★★★★★	★★★	★★
Performance control	★★	★★★	★★★	★★★★★
Enterprise features	★★★	★★	★★★	★★

Category	Render (Professional Plan)	Railway (Pro Plan)
Base plan price	\$19 per user / month	\$20 minimum usage / month
Billing model	Fixed plan + compute + DB	Usage-based, charged after credits
Typical monthly cost (1 app + DB)	\$30–50	\$20–40
Cost predictability	High (mostly fixed)	Medium (varies with usage)
Free tier suitability	Only for demos, not production	Small apps can run cheaply
Deployment	Auto-deploy from GitHub	GitHub or CLI deploy
Build & rollback	Built-in, easy rollback	Built-in, rollback supported
SSL & custom domain	Automatic	Automatic

Global CDN	Included	Included
Managed PostgreSQL	Yes, with backups	Yes, backups depend on setup
Redis / cache support	Yes	Yes
Horizontal auto-scaling	Yes (paid tiers)	Yes (usage-based)
Background workers	Supported	Supported
Logs & metrics	Strong dashboard	Good, slightly simpler
Team collaboration	Preview env, isolated env, roles	Unlimited seats, access control
Enterprise compliance	SOC2, ISO in higher plans	Available in Enterprise plans
Ease for beginners	Very easy	Easy–medium
DevOps needed	Very low	Low
Best suited for	Stable production business apps	Cost-sensitive, dev-focused teams

### Overall Conclusion (Short)

- **Use Render** if you want **stable, predictable costs, easy management, and strong database backups** for business production. It is safer for launches and client-facing apps.
- **Use the Railway** if you want **lower starting cost and usage-based billing** and you are okay with monitoring costs as traffic grows. It is good for developer-driven, backend-heavy apps.
- **Do not move to VPS right now** unless you have time for server setup and maintenance. PaaS is faster and safer for your current stage.

### For your current business apps:

Render Professional is the safest choice.

Railway Pro is the cheaper but slightly riskier (cost variability) choice.