

Cloud Hosting

The background features a dark, deep purple gradient. On the right side, there are vibrant, flowing light trails in shades of orange, red, and yellow, creating a sense of motion and energy. Scattered throughout the scene are numerous small, out-of-focus circular light spots (bokeh) in various colors, including white, yellow, and red, which add depth and a futuristic aesthetic to the overall composition.



Awesome performance
at reasonable rates

Cloud configuration can be exhausting...

Cloud Servers - Linux OS

- Linux based servers, Centos, Ubuntu
- Shell command administration & operations
 - [Learning Linux terminal commands](#)
- SSH remote access
- SSH access keys
- SFTP file transfer
- SSL certificates
- Firewall rules
- dns zone records

Cloud providers

*Digital Ocean

*Vultr

*Linode

AWS LightSail

UpCloud

Google Cloud

Scalability

Upsizing a server is somewhat easy
Downsizing is almost impossible

Hosting control panels

- Graphical interface for server management
- Link to accounts of individual server providers
- Create & install API tokens/keys for each server provider you plan to use.
- DNS - each handles dns differently.
- SSL – each has it's own ssl process

Managed Cloud Hosting Platform

- Graphical interface services
- Cloudways
 - Digital Ocean, Linode, Vultr, AWS, Google
 - Charges double the price of the individual server costs
- Gridpane
 - Digital Ocean, Linode, Vultr, AWS, Google, UpCloud
 - \$45/month, \$200/month, \$3000/month
- RunCloud
 - Digital Ocean, Linode, Vultr, AWS, Google, UpCloud
 - \$15/month, \$45 month
 - No extra charge for server costs
- CyberPanel
 - Self-hosted, runs in individual server like a c-panel, \$14/month
 - Cloud-hosted

Gridpane

- WordPress Cloud server management
 - deploying, optimizing and hardening any WordPress site
 - No email - use mxroute, zoho, gSuite, office365
- Monthly fee: Pro - \$50; Developer - \$200; Agency - \$600
- Server hosts - Digital Ocean, Linode, Vultr, AWS, Google, UpCloud
- Let's Encrypt auto SSL integration
- Slack notifications - integrates with Slack.
- Uses AWS S3 for backups
- Plugin bundles
- Sendgrid integration

Gridpane Integrates with CloudFlare

- Link CloudFlare and Gridpane with api keys
- Syncs with CloudFlare for dns zone record mgmt.
- Use CloudFlare dns name servers
- SSL settings - do not use force ssl setting

RunCloud.io

- RunCloud.io is a lightweight control panel for server management and offers zero downtime deployment.
- Monthly service fee - \$15, \$45
- Server hosts - Digital Ocean, Linode, Vultr, AWS, Google, UpCloud
- <https://manage.runcloud.io/servers>

Linode - cyberpanel install

- Linode
 - <https://cloud.linode.com/linodes>
- Cyperpanel
 - <https://cyberpanel.net/docs/what-is-cyberpanel-cloud/>

Cyberpanel

- Self-hosted, runs on each individual server
- Cloud service monthly - \$30; \$60; \$100
- Cloud-hosted site management
 - <https://cyberpanel.net/docs/what-is-cyberpanel-cloud/>

Cloudways

- Managed cloud hosting
- Server hosts - Digital Ocean, Linode, Vultr, AWS, Google
- Charges double the price of the individual server costs
- Servers created via Cloudways are not available in the originating cloud services -
- i.e. - a digital ocean droplets created by Cloudways interface can not be seen or accessed via your hosting dashboard on individual hosting accounts.

Pricing. comparison

MEMORY	CPU	BANDWIDTH (TB)	STORAGE (GB)	Vultr	Vultr HF	UpCloud	Linode	Cloudways Linode	Digital Ocean	Cloudways Digital Ocean	AWS Lightsail
512 MB	1	0.5	10	\$3.50							
512 MB	1	1	20								\$3.50
1024 MB	1	1	25	\$5		\$5	\$5	\$12	\$5	\$12	
1024 MB	1	1	32		\$6						
1024 MB	1	2	40								\$5
2	1	2	55	\$10							
2	1	2	64		\$12						
2	1	3	60								\$10
2	1	2	50			\$10	\$10	\$24	\$10	\$24	
2	2	3	60						\$15		
2	2	3	80		\$18						
4	2	3	80	\$20							
4	2	3	128		\$24						
4	2	4	80			\$20	\$20	\$50	\$20	\$50	\$20
8	2	5	160								\$40
8	3	4	256		\$48						
8	4	4	160	\$40							
8	4	5	160			\$40	\$40	\$90	\$40	\$90	
16	4	5	384		\$96						
16	4	6	320								\$80
16	6	5	320	\$60							
16	6	6	320			\$80					
16	6	8	320				\$80	\$150			
16	8	6	320						\$80	\$150	
24	6	6	448		\$144						
32	8	6	640	\$160							
32	8	7	512		\$192						
32	8	7	640			\$160			\$160		\$160
32	8	16	640				\$160	\$250		\$250	
48	12	8	768		\$256						
48	12	8	960						\$240		
48	12	9	960			\$240					
64	16	9	1280						\$320		
64	16	10	1280	\$320		\$320					
64	16	20	1280				\$320	\$470		\$470	
96	16	10	1920						\$480		
96	20	12	1920			\$480					
96	20	20	1920				\$480	\$680		\$680	
96	24	15	1600	\$640							
128	20	24	2048			\$640					
128	24	11	2560						\$640		
128	24	20	2560				\$640	\$860		\$860	
182	32	12	3840						\$960		
192	32	20	3840				\$960	\$1205		\$1205	

View cloud pricing
spreadsheet/pdf

[https://www.dropbox.com/sh/w1ejjo8vaca06mx/
AAD8iawDSnLcyH-9lCjMLnisa?dl=0](https://www.dropbox.com/sh/w1ejjo8vaca06mx/AAD8iawDSnLcyH-9lCjMLnisa?dl=0)