120 GB RAM VPS: 24 vCPU, 600 GB NVMe SSD, 10 Gbps Port

Plan Overview: VPS 6

VPS 1 · VPS 2 · VPS 3 · VPS 4 · VPS 5 · VPS 6

VPS 6: 120 GB RAM KVM VPS

- **Core Hardware:** 24 vCPU | 120 GB RAM | 600 GB NVMe SSD
- **Network & Port:** 10 Gbps port
- **Base Price:** Starting at **$117.99/mo** (in Amsterdam, billed monthly)
- **Term Options:** Monthly or 12-month commitment (10% discount, billed monthly)
- **Included Features:**
- 10 Gbps high-speed port
- 30 TB outbound traffic allowance per month
- High-performance NVMe SSD storage
- 1 Dedicated IPv4 Address
- DDoS protection
- 1 System Snapshot

Configure VPS 6 ↓

Server Verification Outputs

System commands executed on live deployed VPS 6 instances confirm hardware specifications:

```
root@sunny-crane:~# lscpu | grep '^CPU(s)'
CPU(s): 24

root@sunny-crane:~# free -h | grep Mem
Mem: 120Gi

root@sunny-crane:~# df -h / | tail -1
/dev/vda1 600G

root@sunny-crane:~# ethtool eth0 | grep Speed
Speed: 10000Mb/s
```

Set up your VPS 6.

1. Location & Regional Pricing

Prices are listed per month for the VPS 6 plan across global data centers:
Region,City / Location,Code,Country,Monthly Price
Europe,Amsterdam,AMS,Netherlands,$117.99

Europe,Frankfurt,FRA,Germany,$117.99
Europe,London,LON,United Kingdom,$117.99
North America,Los Angeles,LAX,United States,$109.99
North America,San Francisco,SFO,United States,$109.99
North America,Washington,WDC,United States,$109.99
Asia,Singapore,SIN,Singapore,$182.99

2. Operating System Options

Operating systems are provided free of charge on every plan:

- **Ubuntu:** 24.04 LTS, 26.04 LTS, 22.04 LTS
- **Debian:** 13, 12
- **AlmaLinux:** 10, 9, 8
- **Rocky Linux:** 10, 9, 8
- **Fedora:** 44
- **FreeBSD:** 15, 14

3. Disk Upgrade Options

Additional NVMe SSD storage can be added on top of the included 600 GB baseline:

- **No upgrade:** Included ($0.00)
- **+50 GB:** $2.19 / month
- **+100 GB:** $4.38 / month
- **+200 GB:** $8.76 / month
- **+300 GB:** $13.14 / month
- **+500 GB:** $21.89 / month
- **+1000 GB:** $43.78 / month

4. Hostname Configuration

Hostnames are assigned at random during setup (e.g., sunny-crane or clever-zephyr). Hostnames can be customized using lowercase letters, numbers, dots, and hyphens.

5. Order & Payment Details

- **Terms:** Monthly or 12-month commitment (12-month commitment saves 10% and is invoiced monthly).
- **Payment Methods:** SOL, BNB, TRX, USDC, or XMR.
- **Pricing Note:** All prices are in USD and exclude taxes.

What VPS 6 is for.

VPS 6 is the largest tier among all six available plans. It delivers the highest proportion of memory per CPU core, providing **5 GB of RAM per vCPU** .

Deployment Strategy & Constraints

- **In-Memory Datasets:** This configuration is built specifically for workloads requiring large datasets to stay directly in memory.

- **Workload Measurement:** It is recommended to measure workload resource utilization prior to ordering. VPS 6 is the top-tier offer; there is no larger plan to upgrade to. Downgrades are also not supported—if VPS 6 exceeds capacity requirements, a smaller server instance must be ordered.

Example Workloads

- **Database Servers:** A MySQL or MariaDB server configured with an InnoDB buffer pool of approximately 90 GB.
- **In-Memory Caching / Databases:** A Redis or Valkey dataset of approximately 60 GB, which preserves sufficient free memory to safely perform background disk saves.
- **Data Processing & Analytics:** DuckDB or Polars execution tasks that require loading massive datasets directly into system RAM.

VPS 6 Pricing and Specifications by Location

Location,Monthly Term,12-Month Term (10% Off),Monthly Outbound Traffic
Amsterdam,$117.99,$106.19,30 TB
Frankfurt,$117.99,$106.19,30 TB
London,$117.99,$106.19,30 TB
Los Angeles,$109.99,$98.99,30 TB
San Francisco,$109.99,$98.99,30 TB
Washington,$109.99,$98.99,30 TB
Singapore,$182.99,$164.69,30 TB
Note: All prices are listed in USD per month, excluding taxes. The 12-month term option is billed monthly. Traffic allocations refer to outbound monthly data transfers; additional traffic can be acquired via the server management portal.

Complete Plan Tier Comparison

← Smaller VPS 5 · 16 vCPU · 64 GB
Plan Tier,vCPU Cores,RAM,NVMe SSD Storage,Plan Link
VPS 1,4 vCPU,6 GB,100 GB,View VPS 1
VPS 2,6 vCPU,16 GB,200 GB,View VPS 2
VPS 3,8 vCPU,24 GB,300 GB,View VPS 3
VPS 4,12 vCPU,48 GB,400 GB,View VPS 4
VPS 5,16 vCPU,64 GB,500 GB,View VPS 5
VPS 6,24 vCPU,120 GB,600 GB,View VPS 6
Full details can be found on the Compare Plans page.

Network Architecture & Infrastructure

Servers on 10gbpsvps.com run 10 Gbps KVM high-performance environments deployed directly on **Leaseweb's network** .

Network Features:

- **Network Uptime SLA:** 99.999%

- **Total Bandwidth Capacity:** 10+ Tbps
- **Carrier Connections:** 6 Top Tier-1 carriers
- **Uplink Speeds:** 10GE & 100GE Uplinks

System Navigation & Quick Links

- **Global Locations:** Amsterdam · Frankfurt · London · Los Angeles · San Francisco · Singapore · Washington
- **Company & Support:** Locations Overview · FAQ · Support Desk · Crypto VPS Options · Technical Guides · API and MCP Documentation
- **Legal:** Terms of Service · Privacy Policy