

# HPE ProLiant DL360 Gen10 (2xSilver 4110) 4-LFF



### No Commitment - Price per Month

The price is for a full calendar month, regardless of how many days are within that month. You can request to cancel the service anytime ("no contract"), but the service will be terminated, regardless if it's used or not, in the last day of that month.

Prices does not include taxes

|                | Total    |
|----------------|----------|
| Monthly        | \$258.54 |
| One-Time Setup | \$0.00   |
| Delivery in    |          |

### PRODUCT SPECIFICATIONS

The price includes the system described below. Components marked with ● can be replaced with others in the same category from Alternative Options list. Some options might not work if they are mixed together in this system

|                         |  |                                       |
|-------------------------|--|---------------------------------------|
| Good For                | General Purpose  |                                       |
| Processor Model         | 2x Xeon Silver 4110  |                                       |
| Processor Core          | 16 core, 32 threads in total for both CPUs   |                                       |
| Processor Frequency     | 2.1 GHz, turbo up to 3.0 GHz   |                                       |
| Processor Technology    | HPE Gen10 with Intel Xeon Scalable Processors (Cascade Lake platform)                              |                                       |
| System Score            | 6120000 for a single core application (average frequency x RAM speed) 97920000 for t...            |                                       |
| Motherboard             | HPE based on Intel C621 Series Chipset   |                                       |
| Power Supply            | 1 x 800W (full redundant) Flex Slot power source with Platinum efficiency rating (up to 94%...     |                                       |
| Power consumption       | 118W on average, 61W idle, 249W at maximum load  |                                       |
| Datacenter              | Coresite LA2 in Los Angeles  | <span style="color: yellow;">1</span> |
| Unit Size               | 1U rack form factor with a length of 29.5" / 74.98cm   |                                       |
| RAM                     | 32 GB ECC DDR4 running at 2400 MHz   | <span style="color: yellow;">2</span> |
| RAM                     | No RAM included in standard configuration  |                                       |
| RAM Type                | DDR4   |                                       |
| RAM Upgrade             | Up to 768 GB in this server configuration. Each CPU has 6 memory channels, each channel c...       |                                       |
| Drives for 'OS'         | 1 x 240 GB (or more) SATA3 SSD   | <span style="color: yellow;">3</span> |
| 'OS' Storage Controller | HPE Smart Array S100i SR Controller embedded on the motherboard. S100i supports SAT...             |                                       |
| 'OS' Drives             | A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. A seco... |                                       |
| Remote Management       | Dedicated iLO Remote Management Port - A dedicated chip that controls the server even w...         | <span style="color: yellow;">4</span> |
| Remote Management       | HPiLo5 Advanced via dedicated Ethernet Management port. KVM Console over the Internet...           |                                       |
| SLA for Hardware        | Expert SLA for Hardware. Replacement in 4 hours Spare parts are available on site and Vox...       | <span style="color: yellow;">5</span> |
| Connection Speed        | 1 Gbps   | <span style="color: yellow;">6</span> |
| Operating System        | Oracle Linux (free, CentOS replacement)  | <span style="color: yellow;">7</span> |
| Backup with R1Soft      | I don't need to backup this server using the datacenter backup services                            | <span style="color: yellow;">8</span> |

## PRODUCT SPECIFICATIONS (continued...)

|                                    |   |   |
|------------------------------------|---|---|
| SLA for Software                   | Standard SLA for Software. Works as expected Unlimited number of requests for operating...        | 9 |
| PCI Express Slots                  | Primary Riser Slot 1 PCIe 3.0 x16 full-height, half-length Slot 2 PCIe 3.0 x8 half-height, hal... |   |
| 'Data' Storage Controller          | Optional. When not installed, 'Data' drives are connected to 'OS' Storage Controller              |   |
| 'Data' Drives                      | No HDD/SSD for 'Data' included in standard configuration  |   |
| 'Data' Drives Supported (Internal) | No Hard Drive included. Supports up to 4 hot-plug LFF (3,5") or SFF (2.5") SATA/SAS.              |   |
| Ethernet Ports                     | Four 1GbE ports embedded on the motherboard, each at 2 Gbps full duplex; 8 Gbps aggreg...         |   |

## Location

### Colocation

| Datacenter 1                                      | Setup | Monthly  |
|---|-------|----------|
| Datacenter: Coresite LA1 (One Wilshire)           | -     | +\$37.15 |
| Datacenter: Equinix DA3                           | -     | +\$17.46 |
| Datacenter: ColoHouse Miami                       | -     | -\$2.05  |
| Datacenter: Equinix MIA1 (formerly Terremark N... | -     | +\$64.74 |

### Colocation (continued...)

| Datacenter (continued...) 1         | Setup | Monthly  |
|-------------------------------------|-------|----------|
| Datacenter: Coresite VA1            | -     | +\$0.80  |
| Datacenter: Equinix DC2             | -     | +\$57.20 |
| Datacenter: Customer Rented Cabinet | -     | -\$38.06 |

## Hardware

### RAM

| RAM 2   | Setup | Monthly   |
|---|-------|-----------|
| 64 GB ECC DDR4 running at 2400 MHz for DL...  | -     | +\$45.60  |
| 96 GB ECC DDR4 running at 2400 MHz for DL...  | -     | +\$91.20  |
| 128 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$136.80 |
| 192 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$228.00 |
| 256 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$302.88 |
| 384 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$477.12 |
| 512 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$651.36 |
| 768 GB ECC DDR4 running at 2400 MHz for DL... | -     | +\$999.84 |

### 'OS' Storage

| Drives for 'OS' 3              | Setup | Monthly |
|--------------------------------|-------|---------|
| 2 x 240 GB (or more) SATA3 SSD | -     | +\$6.00 |

### 'Data' SSD/HDD Storage

| RAID Controller for Internal Drives            | Setup | Monthly  |
|--|-------|----------|
| HPE RAID P440 Smart Array (4GB, flash)         | -     | +\$40.00 |
| HPE RAID P408i-a Smart Array Mezzanine (2GB... | -     | +\$41.00 |

| SSD Datacenter (SATA)               | Setup | Monthly  |
|-------------------------------------|-------|----------|
| 1 x 240 GB SATA3 SSD Intel DC S3510 | -     | +\$10.50 |
| 2 x 240 GB SATA3 SSD Intel DC S3510 | -     | +\$21.00 |
| 3 x 240 GB SATA3 SSD Intel DC S3510 | -     | +\$31.50 |
| 4 x 240 GB SATA3 SSD Intel DC S3510 | -     | +\$42.00 |
| 1 x 480 GB SATA3 SSD Intel DC S3510 | -     | +\$21.00 |
| 2 x 480 GB SATA3 SSD Intel DC S3510 | -     | +\$42.00 |
| 3 x 480 GB SATA3 SSD Intel DC S3510 | -     | +\$63.00 |
| 4 x 480 GB SATA3 SSD Intel DC S3510 | -     | +\$84.00 |
| 1 x 480 GB SATA3 SSD Intel DC S3520 | -     | +\$21.00 |
| 2 x 480 GB SATA3 SSD Intel DC S3520 | -     | +\$42.00 |

### 'Data' SSD/HDD Storage (continued...)

| SSD Datacenter (SATA) (continued...) | Setup | Monthly   |
|--------------------------------------|-------|-----------|
| 3 x 480 GB SATA3 SSD Intel DC S3520  | -     | +\$63.00  |
| 4 x 480 GB SATA3 SSD Intel DC S3520  | -     | +\$84.00  |
| 1 x 480 GB SATA3 SSD Intel D3-S4510  | -     | +\$21.00  |
| 2 x 480 GB SATA3 SSD Intel D3-S4510  | -     | +\$41.00  |
| 3 x 480 GB SATA3 SSD Intel D3-S4510  | -     | +\$62.00  |
| 4 x 480 GB SATA3 SSD Intel D3-S4510  | -     | +\$82.00  |
| 1 x 800 GB SATA3 SSD Intel DC S3510  | -     | +\$35.00  |
| 2 x 800 GB SATA3 SSD Intel DC S3510  | -     | +\$70.00  |
| 3 x 800 GB SATA3 SSD Intel DC S3510  | -     | +\$105.00 |
| 4 x 800 GB SATA3 SSD Intel DC S3510  | -     | +\$140.00 |
| 1 x 960 GB SATA3 SSD Intel DC S3520  | -     | +\$42.00  |
| 2 x 960 GB SATA3 SSD Intel DC S3520  | -     | +\$84.00  |
| 3 x 960 GB SATA3 SSD Intel DC S3520  | -     | +\$126.00 |
| 4 x 960 GB SATA3 SSD Intel DC S3520  | -     | +\$168.00 |
| 1 x 960 GB SATA3 SSD Intel D3-S4510  | -     | +\$39.00  |
| 2 x 960 GB SATA3 SSD Intel D3-S4510  | -     | +\$78.00  |
| 3 x 960 GB SATA3 SSD Intel D3-S4510  | -     | +\$117.00 |
| 4 x 960 GB SATA3 SSD Intel D3-S4510  | -     | +\$156.00 |
| 1 x 1.92 TB SATA3 SSD Intel DC S4500 | -     | +\$84.00  |
| 2 x 1.92 TB SATA3 SSD Intel DC S4500 | -     | +\$168.00 |
| 1 x 1.92 TB SATA3 SSD Intel D3-S4510 | -     | +\$76.00  |
| 2 x 1.92 TB SATA3 SSD Intel D3-S4510 | -     | +\$153.00 |
| 3 x 1.92 TB SATA3 SSD Intel D3-S4510 | -     | +\$229.00 |
| 4 x 1.92 TB SATA3 SSD Intel D3-S4510 | -     | +\$306.00 |
| 1 x 3.84 TB SATA3 SSD Intel D3-S4510 | -     | +\$149.00 |
| 2 x 3.84 TB SATA3 SSD Intel D3-S4510 | -     | +\$298.00 |
| 3 x 3.84 TB SATA3 SSD Intel D3-S4510 | -     | +\$447.00 |
| 4 x 3.84 TB SATA3 SSD Intel D3-S4510 | -     | +\$596.00 |

| HDD Enterprise (SATA)                           | Setup | Monthly  |
|---|-------|----------|
| 1 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr... | -     | +\$15.00 |

# Hardware (continued...)

## 'Data' SSD/HDD Storage (continued...)

| HDD Enterprise (SATA) (continued...)           | Setup | Monthly   |
|--|-------|-----------|
| 2 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr.. | -     | +\$30.00  |
| 3 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr.. | -     | +\$45.00  |
| 4 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr.. | -     | +\$60.00  |
| 1 x 12 TB SATA3 HDD Seagate, 4.16 ms, Enter... | -     | +\$35.00  |
| 2 x 12 TB SATA3 HDD Seagate, 4.16 ms, Enter... | -     | +\$71.00  |
| 3 x 12 TB SATA3 HDD Seagate, 4.16 ms, Enter... | -     | +\$106.00 |
| 4 x 12 TB SATA3 HDD Seagate, 4.16 ms, Enter... | -     | +\$141.00 |

| HDD Archive (SATA)                         | Setup | Monthly  |
|--|-------|----------|
| 1 x 2 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$7.00  |
| 2 x 2 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$14.00 |
| 3 x 2 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$21.00 |
| 4 x 2 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$28.00 |
| 1 x 3 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$9.00  |
| 2 x 3 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$19.00 |
| 3 x 3 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$28.00 |
| 4 x 3 TB SATA3 HDD, 7200rpm, Archive-class | -     | +\$38.00 |

## 'Data' NVMe Storage

| NVMe Datacenter Card                   | Setup | Monthly   |
|--|-------|-----------|
| 1 x 2 TB NVMe PCIe x4 card Intel P3600 | -     | +\$149.00 |
| 2 x 2 TB NVMe PCIe x4 card Intel P3600 | -     | +\$298.00 |

## 'Data' External Storage


| Storage Boxes Connectivity                        | Setup | Monthly |
|---|-------|---------|
| External SAS/SATA port to connect one external... | -     | -       |
| External SAS/SATA ports to connect 2 external S.  | -     | -       |
| External SAS/SATA ports to connect 3-4 externa.   | -     | -       |

## Network Cards

| Ethernet 1G Cards (PCIe)                            | Setup | Monthly  |
|---|-------|----------|
| 1 x Intel Gigabit I350-T2 Server Adapter (2 x RJ... | -     | +\$13.00 |

# Connectivity

## Network Access

| Connection Speed  | Setup | Monthly   |
|--|-------|-----------|
| 2 Gbps (2 x 1 Gbps LACP)   | -     | +\$5.40   |
| 4 Gbps (4 x 1 Gbps LACP)   | -     | +\$21.60  |
| 10 Gbps  | -     | +\$32.40  |
| 20 Gbps (2 x 10 Gbps LACP)   | -     | +\$64.80  |
| 40 Gbps (4 x 10 Gbps LACP)   | -     | +\$129.60 |

## Network Cards (continued...)

| Ethernet 1G Cards (PCIe) (continued...)             | Setup | Monthly  |
|---|-------|----------|
| 2 x Intel Gigabit I350-T2 Server Adapter (2 x RJ... | -     | +\$26.00 |
| 1 x HP Gigabit 361T Ethernet Server Adapter (2...   | -     | +\$14.00 |
| 2 x HP Gigabit 361T Ethernet Server Adapter (2...   | -     | +\$28.00 |
| 1 x Intel Gigabit CT Desktop Adapter (1 x RJ45)     | -     | +\$3.00  |
| 2 x Intel Gigabit CT Desktop Adapter (1 x RJ45)     | -     | +\$6.00  |

| Ethernet 10G Cards (PCIe)                        | Setup | Monthly  |
|--|-------|----------|
| 1 x Intel TenGigabit X520-DA2 Server Adapter,... | -     | +\$28.90 |
| 2 x Intel TenGigabit X520-DA2 Server Adapter,... | -     | +\$57.80 |
| 1 x Intel TenGigabit X710-DA4 Server Adapter,... | -     | +\$41.00 |
| 2 x Intel TenGigabit X710-DA4 Server Adapter,... | -     | +\$82.00 |
| 1 x Intel TenGigabit X722-DA4 Server Adapter,... | -     | +\$49.00 |

| Ethernet 40G Cards (PCIe)                       | Setup | Monthly  |
|---|-------|----------|
| 1 x Intel XL710-QDA2 Ethernet Server Adapter... | -     | +\$46.50 |
| 2 x Intel XL710-QDA2 Ethernet Server Adapter... | -     | +\$93.00 |

| Ethernet 100G Cards (PCIe)                     | Setup | Monthly   |
|--|-------|-----------|
| 1 x Silicom PE3100G2DQIR Ethernet Server Ad... | -     | +\$106.40 |


## Other Server Hardware

| TPM Microcontroller                   | Setup    | Monthly |
|---------------------------------------|----------|---------|
| HPE Trusted Platform Module 2.0 (TPM) | +\$95.00 | -       |

## Power Sources

| Power Sources                           | Setup | Monthly |
|---|-------|---------|
| DL360/DL380/DL560 Gen10 800W AC Powe... | -     | +\$9.00 |

## Network Access (continued...)

| Connection Speed (continued...)  | Setup | Monthly   |
|---|-------|-----------|
| 40 Gbps   | -     | +\$86.40  |
| 80 Gbps (2 x 40 Gbps LACP)  | -     | +\$162.00 |
| 100 Gbps  | -     | +\$313.20 |
| 200 Gbps (2 x 100 Gbps LACP)  | -     | +\$540.00 |

# Software

## Software

| Operating System <b>7</b>                            | Setup        | Monthly        |
|--|--------------|----------------|
| CentOS   | -            | -              |
| Fedora   | -            | -              |
| Debian   | -            | -              |
| Ubuntu   | -            | -              |
| FreeBSD  | -            | -              |
| CloudLinux   | -            | +\$12.85       |
| Windows Server 2022 Standard (8 x 2-core lice..      | -            | +\$56.16       |
| Windows Server 2022 Datacenter (8 x 2-core l...      | -            | +\$389.64      |
| Windows Server 2019 Standard (8 x 2-core lice..      | -            | +\$56.16       |
| Windows Server 2019 Datacenter (8 x 2-core l...      | -            | +\$389.64      |
| Windows Server 2016 Standard (8 x 2-core lice..      | -            | +\$56.16       |
| Windows Server 2016 Datacenter (8 x 2-core l...      | -            | +\$389.64      |
| A different operating system                         | -            | -              |
| <b>Control Panel Software</b>                        | <b>Setup</b> | <b>Monthly</b> |
| cPanel / WHM running inside a virtual server (up ... | -            | +\$27.60       |
| cPanel / WHM running inside 2 virtual servers (up... | -            | +\$55.20       |

## Software (continued...)

| Control Panel Software (continued...)                | Setup | Monthly   |
|--|-------|-----------|
| cPanel / WHM running inside 3 virtual servers (up... | -     | +\$82.80  |
| cPanel / WHM running inside 4 virtual servers (up... | -     | +\$110.40 |
| cPanel / WHM running inside 5 virtual servers (up... | -     | +\$138.00 |

## Backup

| Backup with R1Soft <b>8</b>             | Setup | Monthly |
|---|-------|---------|
| Full Server Backup with R1Soft Software | -     | +\$6.00 |

## Software Support

| SLA for Software <b>9</b> | Setup     | Monthly   |
|---------------------------|-----------|-----------|
| Advisory SLA for Software | +\$216.00 | +\$64.80  |
| Expert SLA for Software   | +\$216.00 | +\$129.60 |
| Ultimate SLA for Software | +\$324.00 | +\$313.20 |