



# HPE ProLiant DL20 Gen10 Plus (E-2388G) 4-SFF + 2-SFF | NVMe Redundant

An 8-core @ 3.2 GHz (turbo 5.1 GHz) server equipped with 2 performance NVMe bays and designed to be highly resilient with NVMe/SATA hardware RAID and 2 power supplies.



### 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	\$306.11
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	Xeon E-2388G
Processor Cache	2 MB cache/core - 16 MB Smart Cache
Processor Core	8 core, 16 threads
Processor Frequency	3.20 GHz, turbo up to 5.1 GHz
Processor Technology	HPE Gen10 Plus with Intel Xeon E Processor (Rocket Lake platform)
System Score	Ranked 349th by PassMark in the Multithreaded CPU Server Benchmarks and 67th in the S...
RAM	No RAM included in standard configuration
RAM Type	DDR4
RAM Upgrade	Up to 128GB. The CPU has 2 memory channels, each one connected to 2 DIMM slots. Proce...
Motherboard	HPE based on Intel C256 Chipset
PCI Express Slots	Slot 1 PCIe 4.0 x8 low-profile Slot 2 PCIe 4.0 x8 full-height, half-length
'OS' Storage Controller	Embedded Intel VROC SATA SW RAID. It supports SATA drives and optionally provides softw...
'OS' Drives	A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. A seco...
'Data' Storage Controller	This model requires a specialized controller which enables 2 SFF bays to be used with NVMe...
'Data' Drives	NVMe 3.1 x4 Cards - up to 1 x 4 TB SATA3 SSD - up to 6 x 3.84 TB
'Data' Drives Supported (Internal)	No Hard Drive included. Supports up to 6 SFF (2.5") SATA/SAS drives. With the specialized co...
Data Drives NVMe Supported (Internal)	In 2 drive bays can be installed NVMe drives with !!!!!U.2 connector. For ideal performance, u...
Ethernet Ports	2 x 1 Gbs network ports embedded on motherboard based on Broadcom BCM5720 chipse...
Remote Management	HP iLo5 Advanced via dedicated Ethernet Management port. KVM Console over the Internet...
Power Supply	2 x 500W (full redundant) with an efficiency rating up to 94%. The source meet the EU Lot...
Power consumption	99W at 30% usage (58W idle, 192W at maximum load) with 128GB, 2 x 960GB SSD, 1...

## PRODUCT SPECIFICATIONS (continued...)

Unit Size	1U rack form factor with a length of 15.05" / 38.22cm	
Datacenter	Coresite LA2 in Los Angeles	1
Unit Size	1U rack form factor with a length of 15.05" / 38.22cm	
RAM	16 GB ECC DDR4 running at 3200 MT/s for DL20 Gen10 Plus	2
RAM	No RAM included in standard configuration	
RAM Type	DDR4	
RAM Upgrade	Up to 128GB. The CPU has 2 memory channels, each one connected to 2 DIMM slots. Proce...	
Drives for 'OS'	1 x 240 GB (or more) SATA3 SSD	3
'OS' Storage Controller	Embedded Intel VROC SATA SW RAID. It supports SATA drives and optionally provides softw...	
'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...	4
Remote Management	HP iLo5 Advanced via dedicated Ethernet Management port. KVM Console over the Internet...	
Connection Speed	1 Gbps	5
Operating System	Oracle Linux (free, CentOS replacement)	6
Backup with R1Soft	I don't need to backup this server using the datacenter backup services	7
SLA for Hardware	Standard SLA for Hardware - 'Replacement in 12 hours' Spare parts are available on site an...	8
SLA for Software	Standard SLA for Software - 'Works as expected' Unlimited number of requests for operatin...	9
PCI Express Slots	Slot 1 PCIe 4.0 x8 low-profile Slot 2 PCIe 4.0 x8 full-height, half-length	
'Data' Storage Controller	This model requires a specialized controller which enables 2 SFF bays to be used with NVMe...	
'Data' Drives	NVMe 3.1 x4 Cards - up to 1 x 4 TB SATA3 SSD - up to 6 x 3.84 TB	
'Data' Drives Supported (Internal)	No Hard Drive included. Supports up to 6 SFF (2.5") SATA/SAS drives. With the specialized co...	
Ethernet Ports	2 x 1 Gbs network ports embedded on motherboard based on Broadcom BCM5720 chipse...	

## Location

### Colocation

Datacenter 1	Setup	Monthly
Datacenter: Coresite LA1 (One Wilshire)	-	+\$32.52
Datacenter: Equinix DA3	-	-\$52.27
Datacenter: iM Critical Miami	-	-\$23.15
Datacenter: Equinix MI1 (formerly Terremark NA.	-	+\$7.88

### Colocation (continued...)

Datacenter (continued...) 1	Setup	Monthly
Datacenter: Coresite VA1	-	-\$9.54
Datacenter: Equinix DC2	-	+\$16.49
Datacenter: Equinix DC10	-	-\$16.44
Datacenter: Customer Rented Cabinet	-	-\$52.27

## Hardware

### RAM

RAM 2	Setup	Monthly
32 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+\$18.83
48 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+\$37.67
64 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+\$56.51
96 GB ECC DDR4 running at 2933 MT/s for DL2.	-	+\$98.75
128 GB ECC DDR4 running at 2933 MT/s for D...	-	+\$137.94

### 'OS' Storage

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

SSD Datacenter (SATA)	Setup	Monthly
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
5 x 480 GB SATA3 SSD Intel DC S3510	-	+\$105.00
6 x 480 GB SATA3 SSD Intel DC S3510	-	+\$126.00
1 x 480 GB SATA3 SSD Intel DC S3520	-	+\$21.00
2 x 480 GB SATA3 SSD Intel DC S3520	-	+\$42.00
3 x 480 GB SATA3 SSD Intel DC S3520	-	+\$63.00
4 x 480 GB SATA3 SSD Intel DC S3520	-	+\$84.00
5 x 480 GB SATA3 SSD Intel DC S3520	-	+\$105.00
6 x 480 GB SATA3 SSD Intel DC S3520	-	+\$126.00

# Hardware (continued...)

## 'Data' SSD/HDD Storage

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
5 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$103.00
6 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$123.00
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
5 x 960 GB SATA3 SSD Intel DC S3520	-	+\$210.00
6 x 960 GB SATA3 SSD Intel DC S3520	-	+\$252.00
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
5 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$196.00
6 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$235.00
1 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$84.00
2 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$168.00
3 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$252.00
4 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$336.00
5 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$420.00
6 x 1.92 TB SATA3 SSD Intel DC S4500	-	+\$504.00
1 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$76.00
2 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$153.00
3 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$229.00
4 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$306.00
5 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$382.00
6 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$458.00

## 'Data' External Storage

Storage Boxes Connectivity	Setup	Monthly
External SAS/SATA port to connect one external...	-	-

# Connectivity

## Network Access

Connection Speed <span style="background-color: yellow; border-radius: 50%; padding: 2px;">5</span>	Setup	Monthly
2 Gbps (2 x 1 Gbps LACP)	-	+\$5.85
4 Gbps (4 x 1 Gbps LACP)	-	+\$23.40
10 Gbps	-	+\$35.10
20 Gbps (2 x 10 Gbps LACP)	-	+\$70.20

## 'Data' External Storage (continued...)

Storage Boxes Connectivity (continued...)	Setup	Monthly
External SAS/SATA ports to connect 2 external S.	-	-
External SAS/SATA ports to connect 3-4 externa.	-	-

## Network Cards

Ethernet 1G Cards	Setup	Monthly
1 x Intel Gigabit I350-T2 Server Adapter (2 x RJ...	-	+\$13.00
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	Setup	Monthly
1 x Intel TenGigabit X520-DA2 Server Adapter, r...	-	+\$28.90
2 x Intel TenGigabit X520-DA2 Server Adapter, r...	-	+\$57.80
1 x Intel TenGigabit X710-DA4 Server Adapter, r...	-	+\$41.00
2 x Intel TenGigabit X710-DA4 Server Adapter, r...	-	+\$82.00
1 x Intel TenGigabit X722-DA4 Server Adapter, r...	-	+\$49.00
1 x HP TenGigabit 560SFP+ Server Adapter (2 x...	-	+\$26.00
1 x HP TenGigabit NC523SFP Server Adapter (2...	-	+\$26.00

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

## Network Access (continued...)

Connection Speed (continued...) <span style="background-color: yellow; border-radius: 50%; padding: 2px;">5</span>	Setup	Monthly
40 Gbps (4 x 10 Gbps LACP)	-	+\$140.40
40 Gbps	-	+\$93.60
80 Gbps (2 x 40 Gbps LACP)	-	+\$175.50

# Software

## Software

Operating System <b>6</b>	Setup	Monthly
CentOS	-	-
Fedora	-	-
Debian	-	-
Ubuntu	-	-
FreeBSD	-	-
CloudLinux	-	+\$12.85
Windows Server 2022 Standard (8 x 2-core lice..	-	+\$67.04
Windows Server 2022 Datacenter (8 x 2-core l...	-	+\$464.33
Windows Server 2019 Standard (8 x 2-core lice..	-	+\$67.04
Windows Server 2019 Datacenter (8 x 2-core l...	-	+\$464.33
Windows Server 2016 Standard (8 x 2-core lice..	-	+\$67.04
Windows Server 2016 Datacenter (8 x 2-core l...	-	+\$464.33
A different operating system	-	-

# Support

## Software Support

SLA for Software <b>9</b>	Setup	Monthly
Advisory SLA for Software	+\$234.00	+\$70.20
Expert SLA for Software	+\$234.00	+\$140.40
Ultimate SLA for Software	+\$351.00	+\$339.30

## Software (continued...)

Control Panel Software	Setup	Monthly
cPanel / WHM running inside a virtual server (up ...	-	+\$32.20
cPanel / WHM running inside 2 virtual servers (up.	-	+\$64.40
cPanel / WHM running inside 3 virtual servers (up.	-	+\$96.60
cPanel / WHM running inside 4 virtual servers (up.	-	+\$128.80
cPanel / WHM running inside 5 virtual servers (up.	-	+\$161.00

## Backup

Backup with R1Soft <b>7</b>	Setup	Monthly
Full Server Backup with R1Soft Software	-	+\$6.00