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	**$342.81**
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 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	13280000 for a single core application (average frequency x RAM speed) 106240000 f...	
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 Drives NVMe Supported (Internal)	In 2 drive bays can be installed NVMe drives with !!!!!!U.2 connector. For ideal performance, u...	
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...	
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...	
SSD Datacenter (SATA)	1 x 480 GB Intel DC S3510 (68k/15.1k IOPS, 500/440 MB/s), SATA3, 16nm MLC	③
'Data' Storage Controller	This model requires a specialized controller which enables 2 SFF bays to be used with NVMe...	
'Data' Drives	No SSD for 'Data' included in standard configuration	

PRODUCT SPECIFICATIONS (continued...)

'Data' Drives Supported (Internal)	No Hard Drive included. Supports up to 6 SFF (2.5") SATA/SAS drives. With the specialized co...	
SSD Desktop (SATA)	2 x 240 GB Intel 520/530/535 (80k random IOPS, ~550MB/s)	**4**
Ethernet 10G Cards (PCIe)	1 x Intel TenGigabit X520-DA2 Server (Intel 82599 ES chipset) Adapter, 2 x SFP+ ports	**5**
Ethernet Ports	2 x 1 Gbs network ports embedded on motherboard based on Broadcom BCM5720 chipse...	
Remote Management	Dedicated ILO Remote Management Port - A dedicated chip that controls the server even w...	**6**
Remote Management	HP iLo5 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...	**7**
Connection Speed	1 Gbps	**8**
Twinaxial 10G Cables SFP+ to SFP+ (2m...	1 x Twinaxial 10G (DAC) Cable with SFP+ at one end and SFP+ at the other end (length 2m)	**9**
Operating System	Oracle Linux (free, CentOS replacement)	**10**
SLA for Software	**Standard SLA for Software.** Works as expected Unlimited number of requests for operating...	**11**

Location

Colocation

Datacenter **1**	Setup	Monthly
Datacenter: Coresite LA1 (One Wilshire)	-	+$33.68
Datacenter: Equinix DA3	-	+$15.82
Datacenter: ColoHouse Miami	-	-$1.87
Datacenter: Equinix MIA1 (formerly Terremark N..	-	+$58.70

Colocation (continued...)

Datacenter (continued...) **1**	Setup	Monthly
Datacenter: Coresite VA1	-	+$0.72
Datacenter: Equinix DC2	-	+$51.86
Datacenter: Equinix DC3	-	-$34.52
Datacenter: Customer Rented Cabinet	-	-$34.52

Hardware

RAM

RAM **2**	Setup	Monthly
32 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+$17.39
48 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+$34.77
64 GB ECC DDR4 running at 3200 MT/s for DL2.	-	+$52.16
96 GB ECC DDR4 running at 2933 MT/s for DL2.	-	+$91.15
128 GB ECC DDR4 running at 2933 MT/s for D...	-	+$127.33

'Data' SSD/HDD Storage

SSD Datacenter (SATA) **3**	Setup	Monthly
1 x 480 GB SATA3 SSD Intel DC S3520	-	-
2 x 960 GB SATA3 SSD Intel DC S3520	-	+$63.00

SSD Desktop (SATA) **4**	Setup	Monthly
1 x 480 GB SSD Intel 520/530/535	-	-$4.85

Connectivity

Network Access

Connection Speed **8**	Setup	Monthly
10 Gbps	-	+$32.40

Software

Software

Operating System **10**	Setup	Monthly
Debian	-	-
A different operating system	-	-