voxility

HPE ProLiant DL20 Gen10 (E-2136) 2-LFF

Compact and capable performance with 6 physical cores. Powered by 1x Intel Xeon E-2136 at 3.3 GHz and 12MB L3 cache, perfect for high-speed edge computing.



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	**$152.92**
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-2136**
Processor Cache	**2 MB cache/core** - 12 MB Smart Cache
Processor Core	6 core, 12 threads
Processor Frequency	**3.30 GHz, turbo up to 4.5 GHz**
Processor Technology	**HPE Gen10** with Intel Xeon E Processor (Coffee Lake platform)
System Score	Ranked 644th by PassMark in the Multithreaded CPU Server Benchmarks and 302nd in the...
RAM	No RAM included in standard configuration
RAM Type	DDR4
RAM Upgrade	Up to 64GB. The CPU has 2 memory channels, each one connected to 2 DIMM slots. Proces...
Motherboard	HPE based on Intel C242 Chipset
PCI Express Slots	Slot 1 PCIe 3.0 x8 low-profile Slot 2 PCIe 3.0 x16 full-height, half-length
'OS' Storage Controller	HPE entry level S100i Controller embedded on motherboard. S100i supports SATA drives ...
'OS' Drives	A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. A seco...
'Data' Storage Controller	Optional. When not installed, 'Data' drives are connected to 'OS' Storage Controller
'Data' Drives	**NVMe 3.1 x4 Cards** - up to 2 x 4 TB **SATA3 SSD** - up to 2 x 3.84 TB **SATA3 HDD** - up to 2...
'Data' Drives Supported (Internal)	No Hard Drive included. Supports up to 2 LFF (3,5") or SFF (2.5") SATA/SAS. SAS drives requ...
Ethernet Ports	2 x 1 Gbs network ports embedded on motherboard via HPE Ethernet 332i network Adapt...
Remote Management	HP iLo5 Advanced via dedicated Ethernet Management port. KVM Console over the Internet...
Power Supply	290W Integrated Power Supply is the standard, non-redundant AC power supply with 80P...
Power consumption	107W at 30% usage (48W idle, 245W at maximum load) with 16GB RAM, 10G network...
Unit Size	1U rack form factor with a lenth of 17.11" / 43.46cm
Datacenter	Coresite LA2 in **Los Angeles** (1)
Unit Size	1U rack form factor with a lenth of 17.11" / 43.46cm

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PRODUCT SPECIFICATIONS (continued...)

RAM	16 GB ECC DDR4 running at 2666 MHz for DL20 Gen10	2
RAM	No RAM included in standard configuration	
RAM Type	DDR4	
RAM Upgrade	Up to 64GB. The CPU has 2 memory channels, each one connected to 2 DIMM slots. Proces...	
Drives for 'OS'	1 x 240 GB (or more) SATA3 SSD	3
'OS' Storage Controller	HPE entry level S100i Controller embedded on motherboard. S100i supports SATA drives ...	
'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 3.0 x8 low-profile Slot 2 PCIe 3.0 x16 full-height, half-length	
'Data' Storage Controller	Optional. When not installed, 'Data' drives are connected to 'OS' Storage Controller	
'Data' Drives	NVMe 3.1 x4 Cards - up to 2 x 4 TB SATA3 SSD - up to 2 x 3.84 TB SATA3 HDD - up to 2...	
'Data' Drives Supported (Internal)	No Hard Drive included. Supports up to 2 LFF (3,5") or SFF (2.5") SATA/SAS. SAS drives requ...	
Ethernet Ports	2 x 1 Gbs network ports embedded on motherboard via HPE Ethernet 332i network Adapt...	

Location

Colocation

Datacenter 1	Setup	Monthly
Datacenter: Coresite LA1 (One Wilshire)	-	+$35.14
Datacenter: Equinix DA3	-	+$8.43
Datacenter: iM Critical Miami	-	-$25.03
Datacenter: Equinix MI1 (formerly Terremark NA...	-	+$8.51

Colocation (continued...)

Datacenter (continued...) 1	Setup	Monthly
Datacenter: Coresite VA1	-	-$10.32
Datacenter: Equinix DC2	-	+$17.81
Datacenter: Equinix DC10	-	-$17.78
Datacenter: Customer Rented Cabinet	-	-$56.50

Hardware

RAM

RAM 2	Setup	Monthly
32 GB ECC DDR4 running at 2666 MHz for DL2...	-	+$9.19
48 GB ECC DDR4 running at 2666 MHz for DL2...	-	+$18.37
64 GB ECC DDR4 running at 2666 MHz for DL2...	-	+$27.56

'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
HP RAID P222 Smart Array (512MB, flash)	-	+$20.00
HPE RAID P440 Smart Array (4GB, flash)	-	+$40.00
HPE RAID P408i-a Smart Array Mezzanine (2GB...	-	+$41.00

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

SSD Datacenter (SATA)	Setup	Monthly
1 x 240 GB SATA3 SSD Intel DC S3500	-	+$10.50
1 x 240 GB SATA3 SSD Intel DC S3510	-	+$10.50
2 x 240 GB SATA3 SSD Intel DC S3510	-	+$21.00
1 x 480 GB SATA3 SSD Intel DC S3510	-	+$21.00
2 x 480 GB SATA3 SSD Intel DC S3510	-	+$42.00
1 x 480 GB SATA3 SSD Intel DC S3520	-	+$21.00
2 x 480 GB SATA3 SSD Intel DC S3520	-	+$42.00
1 x 480 GB SATA3 SSD Intel D3-S4510	-	+$21.00
2 x 480 GB SATA3 SSD Intel D3-S4510	-	+$41.00
1 x 800 GB SATA3 SSD Intel DC S3510	-	+$35.00
2 x 800 GB SATA3 SSD Intel DC S3510	-	+$70.00
1 x 960 GB SATA3 SSD Intel DC S3520	-	+$42.00
2 x 960 GB SATA3 SSD Intel DC S3520	-	+$84.00
1 x 960 GB SATA3 SSD Intel D3-S4510	-	+$39.00
2 x 960 GB SATA3 SSD Intel D3-S4510	-	+$78.00

Hardware (continued...)

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

SSD Datacenter (SATA) (continued...)	Setup	Monthly
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 / D3-S..	-	+$76.00
2 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S..	-	+$153.00
1 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S..	-	+$149.00
2 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S..	-	+$298.00

SSD Desktop (SATA)	Setup	Monthly
1 x 120 GB SSD OCZ Vertex3	-	+$5.25
2 x 120 GB SSD OCZ Vertex3	-	+$10.50
1 x 120 GB SSD Intel 520/530/535	-	+$5.25
2 x 120 GB SSD Intel 520/530/535	-	+$10.50
1 x 120 GB SSD Crucial BX100	-	+$5.25
2 x 120 GB SSD Crucial BX100	-	+$10.50
1 x 128 GB SSD OCZ Vertex4	-	+$5.60
2 x 128 GB SSD OCZ Vertex4	-	+$11.20
2 x 128 GB SSD Crucial MX100	-	+$11.20
1 x 240 GB SSD OCZ Vertex3	-	+$10.50
2 x 240 GB SSD OCZ Vertex3	-	+$21.00
1 x 240 GB SSD Intel 520/530/535	-	+$10.50
2 x 240 GB SSD Intel 520/530/535	-	+$21.00
1 x 250 GB SSD Crucial MX200	-	+$10.94
2 x 250 GB SSD Crucial MX200	-	+$21.88
1 x 256 GB SSD Kingston SSDNow V+100	-	+$11.20
2 x 256 GB SSD Kingston SSDNow V+100	-	+$22.40
1 x 480 GB SSD Intel 520/530/535	-	+$16.15
2 x 480 GB SSD Intel 520/530/535	-	+$32.31
1 x 500 GB SSD Crucial MX200	-	+$16.00
2 x 500 GB SSD Crucial MX200	-	+$33.00
1 x 512 GB SSD Crucial MX100	-	+$16.00
2 x 512 GB SSD Crucial MX100	-	+$33.00
1 x 1 TB SSD Crucial MX200	-	+$25.00
2 x 1 TB SSD Crucial MX200	-	+$50.00

HDD Enterprise (SATA)	Setup	Monthly
1 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr..	-	+$15.00
2 x 4 TB SATA3 HDD Seagate, 4.16 ms, Enterpr..	-	+$30.00
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
1 x 24 TB SATA3 Self-Encrypted HDD Seagate E..	-	+$49.00

HDD Archive (SATA)	Setup	Monthly
1 x 500 GB SATA3 HDD, 7200rpm, Archive-cla...	-	+$3.00
2 x 500 GB SATA3 HDD, 7200rpm, Archive-cla...	-	+$6.00
1 x 1 TB SATA3 HDD, 7200rpm, Archive-class	-	+$5.00
2 x 1 TB SATA3 HDD, 7200rpm, Archive-class	-	+$10.00
1 x 1,5 TB SATA3 HDD, 7200rpm, Archive-class	-	+$6.00

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

HDD Archive (SATA) (continued...)	Setup	Monthly
2 x 1,5 TB SATA3 HDD, 7200rpm, Archive-class	-	+$12.00
1 x 2 TB SATA3 HDD, 7200rpm, Archive-class	-	+$7.00
2 x 2 TB SATA3 HDD, 7200rpm, Archive-class	-	+$14.00
1 x 3 TB SATA3 HDD, 7200rpm, Archive-class	-	+$9.00
2 x 3 TB SATA3 HDD, 7200rpm, Archive-class	-	+$19.00

'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	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,...	-	+$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
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

Other Server Hardware

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

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Connectivity

Network Access

Connection Speed 5	Setup	Monthly
2 Gbps (2 x 1 Gbps LACP)	-	+$5.60
4 Gbps (4 x 1 Gbps LACP)	-	+$22.40
10 Gbps	-	+$33.60
20 Gbps (2 x 10 Gbps LACP)	-	+$67.20

Network Access (continued...)

Connection Speed (continued...) 5	Setup	Monthly
40 Gbps (4 x 10 Gbps LACP)	-	+$134.40
40 Gbps	-	+$89.60
80 Gbps (2 x 40 Gbps LACP)	-	+$168.00

Software

Software

Operating System 6	Setup	Monthly
CentOS	-	-
Fedora	-	-
Debian	-	-
Ubuntu	-	-
FreeBSD	-	-
CloudLinux	-	+$12.85
Windows Server 2022 Standard (8 x 2-core lice..	-	+$64.18
Windows Server 2022 Datacenter (8 x 2-core l...	-	+$444.48
Windows Server 2019 Standard (8 x 2-core lice..	-	+$64.18
Windows Server 2019 Datacenter (8 x 2-core l...	-	+$444.48
Windows Server 2016 Standard (8 x 2-core lice..	-	+$64.18
Windows Server 2016 Datacenter (8 x 2-core l...	-	+$444.48
A different operating system	-	-

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 7	Setup	Monthly
Full Server Backup with R1Soft Software	-	+$6.00

Support

Software Support

SLA for Software 9	Setup	Monthly
Advisory SLA for Software	+$224.00	+$67.20
Expert SLA for Software	+$224.00	+$134.40
Ultimate SLA for Software	+$336.00	+$324.80

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