



# HP Proliant DL320e V2 Gen8 E3-1240v3 2-LFF

A multipurpose server using the latest generation of processors that is good for anything that doesn't require more than 4-core. The built-in 2x1G network card has impressive performances. It can be reliably expanded with additional 36TB storage boxes. With a 10G card is powerful enough to stream 6-8Gbps of content.



### 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	\$104.87
One-Time Setup	\$0.00
Delivery in	

### PRODUCT SPECIFICATIONS

The price includes the system described below. Components marked with 1 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 E3-1240 v3
Processor Cache	2 MB cache/core - 8 MB Smart Cache
Processor Core	4 core, 8 threads
Processor Frequency	3.4 GHz, turbo up to 3.8 GHz
Processor Technology	HPE Generation 8 with Intel Xeon Processor E3 v3 Family (Haswell-WS platform)
System Score	Ranked 745th by PassMark in the Multithreaded CPU Server Benchmarks and 428th in the...
RAM	8 GB ECC DDR3-1600MHz (PC3-12800E)
RAM Type	DDR3
RAM Upgrade	Up to 32 GB DDR3-1600MHz (PC3-12800E), 4 UDIMM slots. The memory bandwidth in...
Motherboard	HP based on Intel C222 Chipset
PCI Express Slots	Slot 1 PCIe 3.0 x8 full-height, half-length Slot 2 PCIe 3.0 x4 low profile
'OS' Storage Controller	HPE entry level B120i Controller embedded on motherboard. B120i supports SATA drives ...
'OS' Drives	A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. You ca...
'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)	Server supports up to: - 2 SSD/HDD installed in hot-plug LFF (3.5") drive bays - 1 SSD insta...
Ethernet Ports	2 x 1Gbps NC332i Broadcom 5720 chipset.
Remote Management	HP iLo4 Advanced with dedicated Ethernet management port. Console KVM over Internet; p...
Power Supply	One (non-redundant) power source, 300W, 100-120V; 200-240V
Power consumption	90W at 30% usage (64W idle, 146W at maximum load) with 16GB RAM, RAID controller...
Unit Size	1U and 15.7" / 383mm depth
Datacenter	Coresite LA2 in Los Angeles <span style="background-color: yellow; border-radius: 50%; padding: 0 2px;">1</span>
Unit Size	1U and 15.7" / 383mm depth

## PRODUCT SPECIFICATIONS (continued...)

Drives for 'OS'	1 x 240 GB (or more) SATA3 SSD	2
'OS' Storage Controller	HPE entry level B120i Controller embedded on motherboard. B120i supports SATA drives ...	
'OS' Drives	A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. You ca...	
Remote Management	Dedicated iLO Remote Management Port - A dedicated chip that controls the server even w...	3
Remote Management	HPiLo4 Advanced with dedicated Ethernet management port. Console KVM over Internet; p...	
Connection Speed	1 Gbps	4
Operating System	Oracle Linux (free, CentOS replacement)	5
Backup with R1Soft	I don't need to backup this server using the datacenter backup services	6
SLA for Hardware	Standard SLA for Hardware - 'Replacement in 12 hours' Spare parts are available on site an...	7
SLA for Software	Standard SLA for Software - 'Works as expected' Unlimited number of requests for operatin...	8
RAM	8 GB ECC DDR3-1600MHz (PC3-12800E)	
RAM Type	DDR3	
RAM Upgrade	Up to 32 GB DDR3-1600MHz (PC3-12800E), 4 UDIMM slots. The memory bandwidth in...	
PCI Express Slots	Slot 1 PCIe 3.0 x8 full-height, half-length Slot 2 PCIe 3.0 x4 low profile	
'Data' Storage Controller	Optional. When not installed, 'Data' drives are connected to 'OS' Storage Controller	
'Data' Drives	<b>NVMe 3.1 x4 Cards</b> - up to 2 x 4 TB <b>SATA3 SSD</b> - up to 2 x 3.84 TB <b>SATA3 HDD</b> - up to 2...	
'Data' Drives Supported (Internal)	Server supports up to: - 2 SSD/HDD installed in hot-plug LFF (3.5") drive bays - 1 SSD insta...	
Ethernet Ports	2 x 1Gbps NC332i Broadcom 5720 chipset.	

## Location

### Colocation

Datacenter <b>1</b>	Setup	Monthly
Datacenter: Coresite LA1 (One Wilshire)	-	+\$29.56
Datacenter: Equinix DA3	-	-\$47.52
Datacenter: iM Critical Miami	-	-\$21.05
Datacenter: Equinix MI1 (formerly Terremark NA)	-	+\$7.16

### Colocation (continued...)

Datacenter (continued...) <b>1</b>	Setup	Monthly
Datacenter: Coresite VA1	-	-\$8.68
Datacenter: Equinix DC2	-	+\$14.99
Datacenter: Equinix DC10	-	-\$14.95
Datacenter: Customer Rented Cabinet	-	-\$47.52

## Hardware

### RAM

RAM	Setup	Monthly
+4 GB ECC DDR3 running at 1600 MHz for DL3...	-	+\$2.50
+8 GB ECC DDR3 running at 1600 MHz for DL3...	-	+\$5.00
+16 GB ECC DDR3 running at 1600 MHz for DL...	-	+\$16.00
+24 GB ECC DDR3 running at 1600 MHz for DL...	-	+\$23.00

### 'Data' SSD/HDD Storage

RAID Controller for Internal Drives	Setup	Monthly
HP Smart Array P212 (6Gb/s SAS, 3Gb/s SATA2...	-	+\$4.00
HP RAID P222 Smart Array (512MB, flash)	-	+\$20.00

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
1 x 480 GB SATA3 SSD Intel DC S3510	-	+\$21.00

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

SSD Datacenter (SATA) (continued...)	Setup	Monthly
2 x 480 GB SATA3 SSD Intel DC S3510	-	+\$42.00
3 x 480 GB SATA3 SSD Intel DC S3510	-	+\$63.00
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
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
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
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
1 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$39.00

# Hardware (continued...)

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

SSD Datacenter (SATA) (continued...)	Setup	Monthly
2 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$78.00
3 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$117.00
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 / 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
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
3 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S...	-	+\$447.00

SSD Desktop (SATA)	Setup	Monthly
1 x 120 GB SSD OCZ Vertex3	-	+\$5.25
2 x 120 GB SSD OCZ Vertex3	-	+\$10.50
3 x 120 GB SSD OCZ Vertex3	-	+\$15.75
1 x 120 GB SSD Intel 520/530/535	-	+\$5.25
2 x 120 GB SSD Intel 520/530/535	-	+\$10.50
3 x 120 GB SSD Intel 520/530/535	-	+\$15.75
1 x 120 GB SSD Crucial BX100	-	+\$5.25
2 x 120 GB SSD Crucial BX100	-	+\$10.50
3 x 120 GB SSD Crucial BX100	-	+\$15.75
1 x 128 GB SSD OCZ Vertex4	-	+\$5.60
2 x 128 GB SSD OCZ Vertex4	-	+\$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
3 x 240 GB SSD Intel 520/530/535	-	+\$31.50
1 x 250 GB SSD Crucial MX200	-	+\$10.94
2 x 250 GB SSD Crucial MX200	-	+\$21.88
3 x 250 GB SSD Crucial MX200	-	+\$32.81
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
3 x 500 GB SSD Crucial MX200	-	+\$49.00
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
3 x 1 TB SSD Crucial MX200	-	+\$75.00

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

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

HDD Enterprise (SATA) (continued...)	Setup	Monthly
2 x 24 TB SATA3 Self-Encrypted HDD Seagate E.	-	+\$98.00

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
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' NVMe Storage

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

## '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 HP Gigabit 361T Ethernet Server Adapter (2...	-	+\$28.00
1 x Intel Gigabit CT Desktop Adapter (1 x RJ45)	-	+\$3.00

Ethernet 10G Cards	Setup	Monthly
1 x Intel TenGigabit X520-DA2 Server Adapter,...	-	+\$28.90
1 x Intel TenGigabit X710-DA4 Server Adapter,...	-	+\$41.00
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

# Connectivity

## Network Access

Connection Speed <b>4</b>	Setup	Monthly
2 Gbps (2 x 1 Gbps LACP)	-	+\$5.75
4 Gbps (4 x 1 Gbps LACP)	-	+\$23.00
10 Gbps	-	+\$34.50
20 Gbps (2 x 10 Gbps LACP)	-	+\$69.00

# Software

## Software

Operating System <b>5</b>	Setup	Monthly
CentOS	-	-
Fedora	-	-
Debian	-	-
Ubuntu	-	-
FreeBSD	-	-
CloudLinux	-	+\$12.85
Windows Server 2022 Standard (8 x 2-core lice..	-	+\$65.90
Windows Server 2022 Datacenter (8 x 2-core l...	-	+\$456.39
Windows Server 2019 Standard (8 x 2-core lice..	-	+\$65.90
Windows Server 2019 Datacenter (8 x 2-core l...	-	+\$456.39
Windows Server 2016 Standard (8 x 2-core lice..	-	+\$65.90
Windows Server 2016 Datacenter (8 x 2-core l...	-	+\$456.39
A different operating system	-	-

# Support

## Software Support

SLA for Software <b>8</b>	Setup	Monthly
Advisory SLA for Software	+\$230.00	+\$69.00
Expert SLA for Software	+\$230.00	+\$138.00
Ultimate SLA for Software	+\$345.00	+\$333.50

## Network Access (continued...)

Connection Speed (continued...) <b>4</b>	Setup	Monthly
40 Gbps (4 x 10 Gbps LACP)	-	+\$138.00
40 Gbps	-	+\$92.00
80 Gbps (2 x 40 Gbps LACP)	-	+\$172.50

## 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>6</b>	Setup	Monthly
Full Server Backup with R1Soft Software	-	+\$6.00