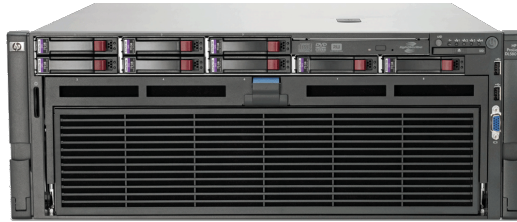




# HP ProLiant DL580 Generation 7 (4xE7-4830) 8-SFF

A high-end server built for reliable large scale virtualization and intensive used databases. HP exceeds expectations at this class of servers and this model makes no exception.



### 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	\$381.54
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	Compute
Processor Model	4x Xeon E7-4830
Processor Cache	3 MB cache/core - 4x 24 MB Smart Cache
Processor Core	32 core, 64 threads for both CPUs
Processor Frequency	2.13 GHz, turbo up to 2.4 GHz
Processor Technology	HP Generation 7 with Intel Xeon Processor E7 Family (Westmere-EX platform)
System Score	Ranked 902nd by PassMark in the Single Threaded Server Performance list
RAM	64 GB ECC Registered DDR3-1066MHz (PC3-8500R)
RAM Type	DDR3
RAM Upgrade	Up to 1 TB DDR3-1066MHz (PC3-8500R), 64 RDIMM slots. The memory bandwidth in t...
Motherboard	HP based on Intel 7500 Chipset
PCI Express Slots	Slot 1 PCIe 1.1 x4 full-height, full-length Slot 2 PCIe 3.0 x8 full-height, full-length Slot 3 PC...
'OS' Storage Controller	Intel ICH10. Supports SATA drives at speeds up to 3Gb/s (SATA2) and provides software R...
'OS' Drives	A dedicated SSD drive for the 'OS' (operating system) is available as a standard option. A seco...
'Data' Storage Controller	HP Smart Array P410/1GB Flash Backed Write Cache (6Gb/s SAS, RAID 0, 1, 10, 5, 6, 50)
'Data' Drives	SATA3 SSD - up to 24 x 3.84 TB
'Data' Drives Supported (Internal)	Server supports up to 8 SSD/HDD installed in hot-plug SFF (2.5") drive bays. Storage backpl...
Ethernet Ports	4 x 1Gbps and 2 x 10Gbps (4 x 1Gbps HP Integrated NC375i chipset Qlogic/NetXen NX30...
Remote Management	HP iLo3 Advanced over dedicated Ethernet management port. Console KVM over Internet; p...
Power Supply	4 x 1200W (full redundant) Flex Slot power sources with Platinum efficiency rating (up to 9...
Power consumption	512W at 30% usage (420W idle, 725W at maximum load) with 128GB RAM, RAID cont...
Unit Size	4U with 29.5" / 70 cm depth
Datacenter	Coresite LA2 in Los Angeles <span style="float: right; border: 1px solid yellow; border-radius: 50%; padding: 2px;">1</span>
Unit Size	4U with 29.5" / 70 cm depth

## PRODUCT SPECIFICATIONS (continued...)

Drives for 'OS'	1 x 240 GB (or more) SATA3 SSD	2
'OS' Storage Controller	Intel ICH10. Supports SATA drives at speeds up to 3Gb/s (SATA2) and provides software R...	
'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...	3
Remote Management	HP iLo3 Advanced over 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	64 GB ECC Registered DDR3-1066MHz (PC3-8500R)	
RAM Type	DDR3	
RAM Upgrade	Up to 1 TB DDR3-1066MHz (PC3-8500R), 64 RDIMM slots. The memory bandwidth in t...	
'Data' Storage Controller	HP Smart Array P410/1GB Flash Backed Write Cache (6Gb/s SAS, RAID 0, 1, 10, 5, 6, 50)	
'Data' Drives	SATA3 SSD - up to 24 x 3.84 TB	
'Data' Drives Supported (Internal)	Server supports up to 8 SSD/HDD installed in hot-plug SFF (2.5") drive bays. Storage backpl...	
Ethernet Ports	4 x 1Gbps and 2 x 10Gbps (4 x 1Gbps HP Integrated NC375i chipset Qlogic/NetXen NX30...	

## Location

### Colocation

Datacenter 1	Setup	Monthly
Datacenter: Coresite LA1 (One Wilshire)	-	+\$168.15
Datacenter: Equinix DA3	-	-\$270.34
Datacenter: iM Critical Miami	-	-\$119.76
Datacenter: Equinix MI1 (formerly Terremark NA..)	-	+\$40.74

### Colocation (continued...)

Datacenter (continued...) 1	Setup	Monthly
Datacenter: Coresite VA1	-	-\$49.37
Datacenter: Equinix DC2	-	+\$85.26
Datacenter: Equinix DC10	-	-\$85.05
Datacenter: Customer Rented Cabinet	-	-\$270.34

## Hardware

### RAM

RAM	Setup	Monthly
+64 GB ECC DDR3 running at 1066 MHz for DL...	-	+\$20.00
+128 GB ECC DDR3 running at 1066 MHz for D..	-	+\$38.40
+192 GB ECC DDR3 running at 1066 MHz for D..	-	+\$60.00
+320 GB ECC DDR3 running at 1066 MHz for D..	-	+\$100.00
+448 GB ECC DDR3 running at 1066 MHz for D..	-	+\$196.00
+704 GB ECC DDR3 running at 1066 MHz for D..	-	+\$308.00
+960 GB ECC DDR3 running at 1066 MHz for D..	-	+\$420.00

### 'OS' Storage

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

### 'Data' SSD/HDD Storage

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

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

RAID Controller for Internal Drives (contin...	Setup	Monthly
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
4 x 240 GB SATA3 SSD Intel DC S3510	-	+\$42.00
5 x 240 GB SATA3 SSD Intel DC S3510	-	+\$52.50
6 x 240 GB SATA3 SSD Intel DC S3510	-	+\$63.00
7 x 240 GB SATA3 SSD Intel DC S3510	-	+\$73.50
8 x 240 GB SATA3 SSD Intel DC S3510	-	+\$84.00
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
5 x 480 GB SATA3 SSD Intel DC S3510	-	+\$105.00
6 x 480 GB SATA3 SSD Intel DC S3510	-	+\$126.00

# Hardware (continued...)

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

SSD Datacenter (SATA) (continued...)	Setup	Monthly
7 x 480 GB SATA3 SSD Intel DC S3510	-	+\$147.00
8 x 480 GB SATA3 SSD Intel DC S3510	-	+\$168.00
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
7 x 480 GB SATA3 SSD Intel DC S3520	-	+\$147.00
8 x 480 GB SATA3 SSD Intel DC S3520	-	+\$168.00
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
5 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$103.00
6 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$123.00
7 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$144.00
8 x 480 GB SATA3 SSD Intel D3-S4510	-	+\$164.00
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
5 x 800 GB SATA3 SSD Intel DC S3510	-	+\$175.00
6 x 800 GB SATA3 SSD Intel DC S3510	-	+\$210.00
7 x 800 GB SATA3 SSD Intel DC S3510	-	+\$245.00
8 x 800 GB SATA3 SSD Intel DC S3510	-	+\$280.00
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
7 x 960 GB SATA3 SSD Intel DC S3520	-	+\$294.00
8 x 960 GB SATA3 SSD Intel DC S3520	-	+\$336.00
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
7 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$274.00
8 x 960 GB SATA3 SSD Intel D3-S4510	-	+\$313.00
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

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

SSD Datacenter (SATA) (continued...)	Setup	Monthly
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
7 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$535.00
8 x 1.92 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$611.00
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
4 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$596.00
5 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$746.00
6 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$895.00
7 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$1044.00
8 x 3.84 TB SATA3 SSD Intel D3-S4510 / D3-S.	-	+\$1193.00
SSD Desktop (SATA)	Setup	Monthly
1 x 120 GB SSD OCZ Vertex3	-	+\$5.25
2 x 120 GB SSD OCZ Vertex3	-	+\$10.50
4 x 120 GB SSD OCZ Vertex3	-	+\$21.00
3 x 120 GB SSD OCZ Vertex3	-	+\$15.75
6 x 120 GB SSD OCZ Vertex3	-	+\$31.50
8 x 120 GB SSD OCZ Vertex3	-	+\$42.00
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
4 x 120 GB SSD Intel 520/530/535	-	+\$21.00
6 x 120 GB SSD Intel 520/530/535	-	+\$31.50
8 x 120 GB SSD Intel 520/530/535	-	+\$42.00
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
4 x 120 GB SSD Crucial BX100	-	+\$21.00
5 x 120 GB SSD Crucial BX100	-	+\$26.25
6 x 120 GB SSD Crucial BX100	-	+\$31.50
7 x 120 GB SSD Crucial BX100	-	+\$36.75
8 x 120 GB SSD Crucial BX100	-	+\$42.00
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
4 x 240 GB SSD OCZ Vertex3	-	+\$42.00
6 x 240 GB SSD OCZ Vertex3	-	+\$63.00
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
4 x 240 GB SSD Intel 520/530/535	-	+\$42.00
6 x 240 GB SSD Intel 520/530/535	-	+\$63.00
8 x 240 GB SSD Intel 520/530/535	-	+\$84.00
1 x 250 GB SSD Crucial MX200	-	+\$10.94
2 x 250 GB SSD Crucial MX200	-	+\$21.88


# Hardware (continued...)

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

SSD Desktop (SATA) (continued...)	Setup	Monthly
3 x 250 GB SSD Crucial MX200	-	+\$32.81
4 x 250 GB SSD Crucial MX200	-	+\$43.75
5 x 250 GB SSD Crucial MX200	-	+\$54.69
6 x 250 GB SSD Crucial MX200	-	+\$65.63
7 x 250 GB SSD Crucial MX200	-	+\$76.56
8 x 250 GB SSD Crucial MX200	-	+\$87.50
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
4 x 480 GB SSD Intel 520/530/535	-	+\$64.62
6 x 480 GB SSD Intel 520/530/535	-	+\$96.92
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
4 x 500 GB SSD Crucial MX200	-	+\$66.00
5 x 500 GB SSD Crucial MX200	-	+\$82.00
6 x 500 GB SSD Crucial MX200	-	+\$98.00
7 x 500 GB SSD Crucial MX200	-	+\$115.00
8 x 500 GB SSD Crucial MX200	-	+\$131.00
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
4 x 1 TB SSD Crucial MX200	-	+\$100.00
5 x 1 TB SSD Crucial MX200	-	+\$125.00
6 x 1 TB SSD Crucial MX200	-	+\$150.00

# Connectivity

## Network Access

Connection Speed 	Setup	Monthly
2 Gbps (2 x 1 Gbps LACP)	-	+\$5.80
4 Gbps (4 x 1 Gbps LACP)	-	+\$23.20
10 Gbps	-	+\$34.80
20 Gbps (2 x 10 Gbps LACP)	-	+\$69.60

## '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 HP TenGigabit 560SFP+ Server Adapter (2 x...	-	+\$26.00
1 x HP TenGigabit NC523SFP Server Adapter (2...	-	+\$26.00

## Network Access (continued...)

Connection Speed (continued...) 	Setup	Monthly
40 Gbps (4 x 10 Gbps LACP)	-	+\$139.20
40 Gbps	-	+\$92.80
80 Gbps (2 x 40 Gbps LACP)	-	+\$174.00

# Software

## Software

Operating System <b>5</b>	Setup	Monthly
CentOS	-	-
Fedora	-	-
Debian	-	-
Ubuntu	-	-
FreeBSD	-	-
CloudLinux	-	+\$12.85
Windows Server 2022 Standard (16 x 2-core li...	-	+\$132.95
Windows Server 2022 Datacenter (16 x 2-core...	-	+\$920.73
Windows Server 2019 Standard (16 x 2-core li...	-	+\$132.95
Windows Server 2019 Datacenter (16 x 2-core...	-	+\$920.73
Windows Server 2016 Standard (16 x 2-core li...	-	+\$132.95
Windows Server 2016 Datacenter (16 x 2-core...	-	+\$920.73
A different operating system	-	-

# Support

## Software Support

SLA for Software <b>8</b>	Setup	Monthly
Advisory SLA for Software	+\$232.00	+\$69.60
Expert SLA for Software	+\$232.00	+\$139.20
Ultimate SLA for Software	+\$348.00	+\$336.40

## 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