

### Overview

#### NVIDIA® Accelerators for HPE

Hewlett Packard Enterprise supports select NVIDIA GPUs and accelerators for Apollo, ProLiant Rack and Tower, Synergy, Cray, Superdome, and Edgeline systems to address HPC/AI, virtualization, edge computing, and graphics rendering and visualization.

NVIDIA accelerators deliver higher application acceleration than a CPU-only approach for a range of deep learning, scientific, and commercial applications. The thousands of NVIDIA CUDA® cores divide large computing or graphics tasks into thousands of smaller tasks that run concurrently to:

- Enable faster simulations and increased graphics fidelity for demanding 3D models
- Improve computational performance, reducing the completion time for parallel tasks, offering quicker time to solutions.
- Improve the user experience for VDI
- Satisfy customer NVIDIA Grid software requirements with HPE Complete.
- Configure and monitor NVIDIA accelerators with HPE Insight Cluster Management Utility (CMU), which monitors and displays GPU health and temperature, and installs and provisions the GPU drivers and CUDA software.

#### Models

|  |        |
|--|--------|
| NVIDIA T4 16GB Computational Accelerator for HPE               | R0W29A |
| NVIDIA T4 16GB Computational Accelerator for HPE               | R0W29C |
| NVIDIA Ampere 2-way 2-slot Bridge for HPE                      | R6V66A |
| NVIDIA HGX A100 40GB 8-GPU Air Cooled FIO Baseboard for HPE    | R3V64A |
| NVIDIA HGX A100 40GB 4-GPU Air Cooled FIO Baseboard for HPE    | R3V35A |
| NVIDIA HGX A100 40GB 4-GPU Liquid Cooled FIO Baseboard for HPE | R4W70A |
| NVIDIA HGX A100 40GB 8-GPU Liquid Cooled FIO Baseboard for HPE | R4W71A |
| NVIDIA HGX A100 80GB 8-GPU Air Cooled FIO Baseboard for HPE    | R7B94A |
| NVIDIA HGX A100 80GB 4-GPU Air Cooled FIO Baseboard for HPE    | R7B93A |
| NVIDIA HGX A100 80GB 4-GPU Liquid Cooled FIO Baseboard for HPE | R7E29A |
| NVIDIA HGX A100 80GB 8-GPU Liquid Cooled FIO Baseboard for HPE | R7E30A |
| NVIDIA A10 24GB PCIe Non-CEC Accelerator for HPE               | R9W59C |
| NVIDIA A10 PCIe Non-CEC Accelerator for HPE                    | R9W59A |
| NVIDIA A40 48GB PCIe Non-CEC Accelerator for HPE               | R9S37C |
| NVIDIA A100 80GB PCIe Non-CEC Accelerator for HPE              | R9P49C |
| NVIDIA A100 80GB PCIe Non-CEC Accelerator for HPE              | R9P49A |
| NVIDIA A2 16GB PCIe Non-CEC Accelerator for HPE                | R9H23C |
| NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE               | R8T26C |
| NVIDIA A30 PCIe Non-CEC Accelerator for HPE                    | R9S38C |
| NVIDIA H100 80GB PCIe Accelerator for HPE                      | R9S41C |
| NVIDIA H100 80GB PCIe Accelerator for HPE                      | R9S41A |
| NVIDIA L4 24GB PCIe Accelerator for HPE                        | S0K89C |
| NVIDIA L40 48GB PCIe Accelerator for HPE                       | S0K90C |

**Notes:** Please see the [HPE ProLiant server QuickSpecs](#) for the supported servers for configuration rules, including requirements for enablement kits.

### Overview

XXXXXX is SKU designation formed by a common 6-digit part number with the last character that identifies a SKU that is available across multiple server family lines. Refer to the table below to find the SKU suffix to order by server product line. In some cases, Specialized Compute will leverage the -C SKU and Compute will leverage the -A SKU. .

| <b>-C</b>  | <b>-A</b>   | <b>-K21</b>   |
|--|---|---|
| <b>COMPUTE</b>   | <b>SPECIALIZED COMPUTE</b>  | <b>STORAGE</b>  |
| HPE ProLiant Servers<br>DL20/DL160/DL180<br>ML30/ML110/ML350<br>DL325/DL345/DL365/DL385<br>DL360/DL380/<br>DL390a/DL560/DL580<br>DX360/DX380<br>DX170r/DX190r/DX200/<br>DX560/DX4200<br>MicroServer<br>HPE ProLiant for Microsoft Azure Stack<br><br>HPE Synergy 480/660 Systems<br>HPE Synergy D3940 Storage Module | HPE Cray Supercomputing<br>HPE Apollo 35/40/70 Systems<br>HPE Apollo 2000/6500 Servers<br>HPE XL170r/XL190rGen10 Server for BlueData Software<br>HPE Converged System 300/500<br>HPE Edgeline Systems and Servers<br>HPE Integrity BL860c i6/BL870c i6/BL890c i6 Server Blades<br>HPE Integrity MC990 X Server<br>HPE Integrity rx2800 i6 Server<br>HPE Integrity Superdome/Superdome Flex<br>HPE SGI 8600 System<br>HPE Solutions for SAP HANA (TDI)<br>HPE Apollo Systems for BlueData Software | HPE Alletra 4110/4120<br>HPE Apollo 4200 Gen9/Gen10 Servers<br>HPE Apollo 4200 Gen10 LFF Server for BlueData Software<br>HPE Apollo 4510 Gen10 System<br>HPE D3000/D6020/D8000 Disk Enclosures<br>HPE D2220sb/D2500sb Storage Blade<br>HPE Scalable Object Storage with Scality RING<br>HPE SimpliVity 2600<br>HPE SimpliVity 325/380 Gen10<br>HPE Storage File Controllers<br>HPE StoreEasy 1460/1560/1650/1660/1860 |

**Notes: Disclaimer** This may not be a complete listing of applicable servers

### Standard Features

| NVIDIA Quadro P1000 Graphics Accelerator for HPE |  |
|--|--|
| <b>SKU</b>                                       | R3K70A   R3K70C                          |
| <b>Performance</b>                               | 7.1TF SP                                 |
| <b>Memory Size</b>                               | 4 GB GDDR5                               |
| <b>Memory Bandwidth</b>                          | Up to 80 GB/s                            |
| <b>Cores</b>                                     | 640                                      |
| <b>System Interface</b>                          | PCIe 3.0 x 16                            |
| <b>Power</b>                                     | 47W                                      |
| <b>Form Factor</b>                               | 2.713"x 5.7" L, Single Slot, Low Profile |

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R3K70A Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| Edgeline EL1000 V2 m510                 | Broad   | 8.0             | 15 SP1          | -                | Win 19             | -           | -                |
| Edgeline EL1000 V2 m750                 | Coffee  | 8.2             | 15 SP1          | -                | Win 19             | -           | -                |
| Edgeline EL4000 V2 m750                 | Coffee  | 8.2             | 15 SP1          | -                | Win 19             | -           | -                |
| Edgeline EL4000 m710x                   | Sky     | 7.6             | 15 SP1          | -                | Win 19             | -           | -                |
| Edgeline EL8000 2U e910                 | Casca d | 8.2             | 15 SP1          | -                | Win 19             | -           | -                |
| Edgeline EL8000 2U e910t                | Casca d | 8.2             | 15 SP1          | -                | Win 19             | -           | -                |
| R3K70C Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant ML30 Gen10                 | Coffee  | 8.0             | 15 SP1          | -                | Win 19             | -           | -                |
| HPE ProLiant ML110 Gen10                | Casca d | 7.6             | 15 SP1          | -                | Win 19             | 6.5 U2      | -                |
| HPE ProLiant ML350 Gen10                | Casca d | 7.6             | 15 SP1          | -                | Win 19             | 6.5 U2      | -                |

| NVIDIA Quadro RTX 4000 Graphics Accelerator for HPE |                              |
|---|------------------------------|
| <b>SKU</b>  | R1F95A   R1F95C              |
| <b>Performance</b>                                  | 7.1TF SP                     |
| <b>Memory Size</b>                                  | 8 GB GDDR6                   |
| <b>Memory Bandwidth</b>                             | Up to 416 GB/s               |
| <b>Cores</b>  | 2,304                        |
| <b>System Interface</b>                             | PCIe 3.0 x 16                |
| <b>Power</b>  | 160W                         |
| <b>Form Factor</b>                                  | 4.4" H x 9.5" L, Single Slot |

### Standard Features

| Supported Servers and Operating Systems |              |                        |                        |                         |                           |                    |                         |
|---|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| <b>R1F95A Supported Servers</b>         | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant xl190r Gen10               | Casca d      | 7.6                    | 15 SP1                 | -                       | Win 19                    | 6.5 U2             | -                       |
| <b>R1F95C Supported Servers</b>         | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL360 Gen10                | Casca d      | 8.0                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| HPE ProLiant DL380 Gen10                | Casca d      | 7.6                    | 15 SP1                 | -                       | Win 16                    | -                  | -                       |
| HPE ProLiant DL385 Gen10                | Rome         | 8.0                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| HPE ProLiant ML110 Gen10                | Casca d      | 7.6                    | 15 SP1                 | -                       | Win 16                    | 6.5 U2             | -                       |
| HPE ProLiant ML350 Gen10                | Casca d      | 7.6                    | 15 SP1                 | 18.04                   | Win 16                    | -                  | -                       |
| HPE Synergy 480 Gen10                   | Casca d      | 7.6                    | 15 SP1                 | -                       | -                         | -                  | -                       |

### HPE NVIDIA Quadro RTX 6000 Graphics Accelerator

|                         |  |
|-------------------------|--|
| <b>SKU</b>              | R0Z45A   R0Z45C                          |
| <b>Performance</b>      | 16.3TF SP                                |
| <b>Memory Size</b>      | 24 GB GDDR6                              |
| <b>Memory Bandwidth</b> | Up to 672 GB/s                           |
| <b>Cores</b>            | 4,608                                    |
| <b>System Interface</b> | PCIe 3.0 x 16                            |
| <b>Power</b>            | 295W                                     |
| <b>Form Factor</b>      | 4.4" H x 10.5" L, Dual Slot, Full Height |

### Supported Servers and Operating Systems

| <b>R0Z45A Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|---------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| HPE Superdome Flex              | Casca d      | 7.6                    | 15                     | -                       | Win 16                    | 6.5 U2             | -                       |
| HPE Superdome Flex 280          | Casca d      | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| HPE ProLiant xl270d Gen10       | Casca d      | 7.5/7.6                | 15                     | 18.04                   | Win 16                    | 6.7                | 7.1                     |
| Edgeline EL8000 2U e910         | Casca d      | 8.2                    | 15 SP1                 | -                       | Win 10/16                 | 6.5 U2             | -                       |
| <b>R0Z45C Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL380 Gen10        | Sky          | 7.5                    | 12 SP3                 | -                       | Win 16                    | -                  | -                       |

### Standard Features

|                               |         |     |        |       |        |        |     |
|-------------------------------|---------|-----|--------|-------|--------|--------|-----|
| HPE ProLiant DL380 Gen10      | Casca d | 7.5 | 15     | 16.04 | Win 16 | 6.7    | 7.1 |
| HPE ProLiant DL385 Gen10      | EPYC    | 7.6 | 15     | -     | Win 16 | 6.7    | 7.1 |
| HPE ProLiant DL385 Gen10      | Rome    | -   | -      | -     | -      | -      | -   |
| HPE ProLiant DL385 Gen10 Plus | Rome    | 8.0 | 15 SP1 | -     | Win 19 | 6.5 U2 | -   |
| HPE ProLiant DL580 Gen10      | Casca d | 7.6 | 15 SP1 | -     | Win 19 | -      | -   |
| HPE ProLiant ML350 Gen10      | Casca d | 7.5 | 15     | -     | Win 16 | -      | -   |

### NVIDIA Quadro RTX 8000 Graphics Accelerator for HPE

|                         |  |
|-------------------------|--|
| <b>SKU</b>              | R1F97A   R1F97C                          |
| <b>Performance</b>      | 16.3TF SP                                |
| <b>Memory Size</b>      | 48 GB GDDR6                              |
| <b>Memory Bandwidth</b> | Up to 672 GB/s                           |
| <b>Cores</b>            | 4,608                                    |
| <b>System Interface</b> | PCIe 3.0 x 16                            |
| <b>Power</b>            | 295W                                     |
| <b>Form Factor</b>      | 4.4" H x 10.5" L, Dual Slot, Full Height |

### Supported Servers and Operating Systems

| <b>R1F97A Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|---------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| HPE ProLiant xl190r Gen10       | Casca d      | 7.6                    | 15 SP1                 | -                       | Win 16                    | 6.5 U2             | -                       |
| HPE ProLiant xl270d Gen10       | Casca d      | 7.5/7.6                | 15                     | 18.04                   | Win 16                    | 6.7                | 7.1                     |
| HPE Superdome Flex              | Casca d      | 7.5                    | 15 SP1                 | -                       | Win 16                    | 6.5 U2             | -                       |
| HPE Superdome Flex 280          | Cooper       | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| <b>R1F97C Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL380 Gen10        | Casca d      | 7.6                    | 15                     | 18.04                   | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL385 Gen10        | EPYC         | 7.6                    | 15                     | -                       | Win 16                    | 6.7                | 7.1                     |
| <b>R1F97C Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL385 Gen10        | Rome         | 7.6                    | 15 SP1                 | -                       | Win 19                    | 6.5 U2             | -                       |
| HPE ProLiant DL385 Gen10 Plus   | Rome         | 8.0                    | 15 SP1                 | -                       | Win 19                    | 6.5 U2             | -                       |
| HPE ProLiant DL580 Gen10        | Casca d      | 7.6                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |

### Standard Features

|                          |            |     |        |   |        |   |   |
|--------------------------|------------|-----|--------|---|--------|---|---|
| HPE ProLiant ML350 Gen10 | Casca<br>d | -   | 15 SP1 | - | -      | - | - |
| HPE Synergy 480 Gen10    | Casca<br>d | 7.6 | 15 SP1 | - | Win 19 | - | - |

### NVIDIA Quadro RTX x16 2-way 2-slot NVLink Bridge for HPE

**SKU** R1F96A | R1F96C

#### Supported Servers and Operating Systems

| <b>R1F96A Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b>                                   | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|---------------------------------|--------------|--|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| <b>R1F96C Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b>                                   | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant ML350 Gen10        | Casca<br>d   | See HPE NVIDIA RTX 6000 Graphics Accelerator for details |                        |                         |                           |                    |                         |
| HPE ProLiant ML350 Gen10        | Casca<br>d   | See HPE NVIDIA RTX 8000 Graphics Accelerator for details |                        |                         |                           |                    |                         |

### NVIDIA Tesla T4 16GB Computational Accelerator for HPE

**SKU** R0W29A | R0W29C

**Performance** 8.1TF SP

**Memory Size** 16 GB GDDR6

**Memory Bandwidth** Up to 320 GB/s

**Cores** 2.560

**System Interface** PCIe 3.0 x 16

**Power** 70W

**Form Factor** 2.713" H x 6.65" L, Single Slot, Low Profile

#### Supported Servers and Operating Systems

| <b>R0W29A Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|---------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| HPE ProLiant xl190r Gen 10      | Casca<br>d   | 7.5/7.6                | 15                     | -                       | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant xl270d Gen 10      | Casca<br>d   | 7.5/7.6                | 15                     | 18.04                   | Win 16                    | 6.7                | 7.1                     |
| Edgeline EL1000 m510            | Broad        | -                      | 15                     | -                       | Win 10                    | 6.7                | 7.1                     |
| Edgeline EL1000 m710x           | Sky          | -                      | 15                     | -                       | Win 10                    | 6.7                | 7.1                     |
| Edgeline EL1000 V2 m750         | Coffee       | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| Edgeline EL4000 m510            | Broad        | -                      | 15                     | -                       | Win 10                    | 6.7                | 7.1                     |
| Edgeline EL4000 m710x           | Sky          | -                      | 15                     | -                       | Win 10                    | 6.7                | 7.1                     |
| Edgeline EL4000 V2 m750         | Coffee       | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |

### Standard Features

|                                |         |     |        |       |        |     |     |
|--------------------------------|---------|-----|--------|-------|--------|-----|-----|
| Edgeline EL8000 1U e910        | Cascade | 7.6 | -      | -     | Win 10 | 6.7 | 7.1 |
| Edgeline EL8000 2U e910        | Cascade | 7.6 | -      | -     | -      | 6.7 | 7.1 |
| HPE Superdome Flex             | Cascade | 8.2 | 15 SP1 | -     | Win 19 | -   | -   |
| HPE Superdome Flex 280         | Cooper  | 8.2 | 15 SP1 | -     | Win 19 | -   | -   |
| HPE ProLiant xl290n Gen10 Plus | Icelake | 8.3 | 15 SP2 | 20.03 | Win 19 | -   | -   |

| <b>R0W29A<br/>Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|-------------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| Edgeline EL8000 e920d               | Icelake      | 8.3                    | 15 SP2                 | -                       | Win 19                    | -                  | -                       |
| Edgeline EL8000 e920t               | Icelake      | 8.3                    | 15 SP2                 | -                       | Win 19                    | -                  | -                       |
| Edgeline EL8000 e920                | Icelake      | 8.3                    | 15 SP2                 | -                       | Win 19                    | -                  | -                       |
| <b>R0W29C<br/>Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL325 Gen10            | EPYC         | 7.5                    | 15                     | -                       | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL325 Gen10            | Rome         | 7.5                    | 15                     | -                       | Win 16                    | -                  | -                       |
| HPE ProLiant DL325 Gen10 Plus       | Rome         | 7.6                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| HPE ProLiant DL360Gen10             | Sky          | 7.5                    | 12 SP3                 | -                       | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL360 Gen10            | Cascade      | 7.5                    | 15                     | -                       | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL360 Gen10 Plus       | Icelake      | 8.3                    | 15 SP3                 | 20.04                   | Win19                     | -                  | -                       |
| HPE ProLiant DL380 Gen10            | Sky          | 7.5                    | 12 SP3                 | 16.04                   | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL380 Gen10            | Cascade      | 7.5                    | 12 SP3                 | 16.04                   | Win 16                    | 6.7                | 7.1                     |
| HPE ProLiant DL385 Gen10            | EPYC         | 7.5                    | 12 SP3                 | 16.04                   | Win 16                    | 6.7                | -                       |
| HPE ProLiant DL385 Gen10            | Rome         | 7.5                    | 12 SP3                 | -                       | Win 16                    | -                  | -                       |
| HPE ProLiant DL385 Gen10 Plus       | Rome         | 8.0                    | 15 SP1                 | -                       | Win 19                    | 6.5 U2             | -                       |
| HPE ProLiant DL385 Gen10 Plus v2    | Milan        | 8.2                    | 15 SP1                 | 19.xx                   | Win 19                    | -                  | -                       |
| HPE ProLiant DL560 Gen10            | Cascade      | 7.6                    | 15 SP1                 | -                       | Win 19                    | 6.5 U2             | -                       |
| HPE ProLiant ML350 Gen10            | Cascade      | 7.5                    | 15                     | -                       | Win 16                    | 6.7                | -                       |
| HPE Synergy 480 Gen10               | Cascade      | 7.6                    | 15 SP1                 | -                       | -                         | -                  | -                       |



### Standard Features

|                              |         |     |        |       |       |   |   |
|------------------------------|---------|-----|--------|-------|-------|---|---|
| HPE Synergy 480 Gen10 Plus P | Icelake | 8.3 | 15 SP3 | 20.04 | Win19 | - | - |
| HPE Synergy 480 Gen10 Plus H | Icelake | 8.3 | 15 SP3 | 20.04 | Win19 | - | - |

### Supported Servers and Operating Systems

| is Q9U37A Supported Servers | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
|-----------------------------|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| HPE ProLiant xl270d Gen10   | Sky     | 7.4             | 12 SP3          | 16.04            | -                  | -           | -                |
| HPE ProLiant xl270d Gen10   | Cascade | 7.5             | 15              | 16.04            | Win 16             | 6.7         | 7.1              |

### NVIDIA M10 Quad GPU Module for HPE

|                         |  |
|-------------------------|--|
| <b>SKU</b>              | Q0J62A   Q0J62C                          |
| <b>Memory Size</b>      | 32GB GDDR5                               |
| <b>Cores</b>            | 2,560                                    |
| <b>System Interface</b> | PCIe Gen3                                |
| <b>Power</b>            | 225W                                     |
| <b>Form Factor</b>      | 4.4" H x 10.5" L, Dual Slot, Full Height |

### Supported Servers and Operating Systems

| Q0J62A Supported Servers   | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
|----------------------------|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| HPE ProLiant xl190r Gen 10 | Sky     | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant xl190r Gen 10 | Cascade | -               | 15 (MFG)        | -                | -                  | 6.7         | 7.1              |
| Q0J62C Supported Servers   | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380 Gen10   | Sky     | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant DL380 Gen10   | Cascade | -               | 15 (MFG)        | -                | -                  | 6.7         | 7.1              |
| HPE ProLiant DL385 Gen10   | EPYC    | -               | 15 (MFG)        | -                | -                  | 6.5 U2      | 7.1              |
| HPE ProLiant DL385 Gen10   | Rome    | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant ML350 Gen10   | Sky     | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant ML350 Gen10   | Cascade | -               | 15 (MFG)        | -                | -                  | 6.7         | 7.1              |



### Standard Features

| NVIDIA Tesla A100 PCIe 40GB Computational Accelerator for HPE |   |
|---|---|
| <b>SKU</b>  | R6B53A/R6B53C                                 |
| <b>Performance</b>  | 9.7TF DP, 19.5TF SP, 156TF FP16               |
| <b>Memory Size</b>  | 40GB HBM2                                     |
| <b>Memory Bandwidth</b>                                       | 1555 GB/s                                     |
| <b>Multi-instance GPUs</b>                                    | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>                                       | PCIe Gen4                                     |
| <b>Power</b>  | 250W  |
| <b>Form Factor</b>  | 10.5"x1.37"x4.37", Full Height, Full Length   |

| Supported Servers and Operating Systems |              |                        |                        |                         |                           |                    |                         |
|---|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| <b>R6B53A Supported Servers</b>         | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant xl270d Gen 10              | Casca d      | 8.0                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |
| HPE ProLiant xl645d Gen 10 Plus         | Rome         | -                      | -                      | -                       | -                         | -                  | -                       |
| HPE ProLiant xl645d Gen 10 Plus         | Milan        | -                      | -                      | -                       | -                         | -                  | -                       |
| HPE ProLiant xl675d Gen 10 Plus         | Rome         | 8.2                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |
| HPE ProLiant xl675d Gen 10 Plus         | Milan        | -                      | -                      | -                       | -                         | -                  | -                       |
| Edgeline EL8000 2U e910                 | Casca d      | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| Edgeline EL8000 2U e910t                | Casca d      | 8.2                    | 15 SP1                 | -                       | Win 19                    | -                  | -                       |
| HPE Superdome Flex 280                  | Coop e r     | 8.3                    | 15 SP1                 | 20.04                   | Win 19                    | -                  | -                       |
| HPE ProLiant xl290n Gen10 Plus          | Icelak e     | 8.3                    | 15 SP2                 | 20.04                   | Win 19                    | -                  | -                       |
| Edgeline EL8000 e920d                   | Icelak e     | 8.3                    | 15 SP2                 | -                       | Win 19                    | -                  | -                       |
| Edgeline EL8000 e920t                   | Icelak e     | 8.3                    | 15 SP2                 | -                       | Win 19                    | -                  | -                       |
| HPE Superdome Flex                      | Casca d      | 8.3                    | 15 SP2                 | -                       | Win 20                    | -                  | -                       |
| <b>R6B53C Supported Servers</b>         | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
| HPE ProLiant DL380 Gen10                | Casca d      | 8.0                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |
| HPE ProLiant DL385 Gen10 Plus           | Rome         | 8.2                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |
| HPE ProLiant DL385 Gen10 Plus v2        | Milan        | 8.2                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |
| HPE ProLiant DL380 Gen10 Plus           | Icelak e     | 8.3                    | 15 SP3                 | 20.04                   | Win19                     | -                  | -                       |
| HPE Synergy 480 Gen10                   | Casca d      | 8.2                    | 15 SP1                 | 19.1                    | Win 19                    | -                  | -                       |

### Standard Features

| NVIDIA Ampere 2-way 2-slot NVLink Bridge for HPE |        |   |                 |                  |                    |             |                  |
|--|--------|---|-----------------|------------------|--------------------|-------------|------------------|
| NVIDIA Ampere 2-way 2-slot Bridge for HPE        | R6V66A |   |                 |                  |                    |             |                  |
| Supported Servers and Operating Systems          |        |   |                 |                  |                    |             |                  |
| R6V66A Supported Servers                         | CPU *  | RHEL Enterprise   | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380a Gen11                        | SPR    | See NVIDIA A100 80GB PCIe and NVIDIA H100 80GB PCIe for details           |                 |                  |                    |             |                  |
| HPE ProLiant DL385 Gen11                         | SPR    | See NVIDIA A100 80GB PCIe and NVIDIA H100 80GB PCIe for details           |                 |                  |                    |             |                  |
| HPE ProLiant xl645d Gen 10 Plus                  | Rome   | See HPE NVIDIA Tesla A100 PCIe 40GB Computational Accelerator for details |                 |                  |                    |             |                  |
| HPE ProLiant xl645d Gen 10 Plus                  | Milan  | See HPE NVIDIA Tesla A100 PCIe 40GB Computational Accelerator for details |                 |                  |                    |             |                  |
| HPE ProLiant xl675d Gen 10 Plus                  | Rome   | See HPE NVIDIA Tesla A100 PCIe 40GB Computational Accelerator for details |                 |                  |                    |             |                  |
| HPE ProLiant xl675d Gen 10 Plus                  | Milan  | See HPE NVIDIA Tesla A100 PCIe 40GB Computational Accelerator for details |                 |                  |                    |             |                  |

| NVIDIA HGX A100 40GB 8 GPU AIR FIO BSBRD                    |   |
|---|---|
| NVIDIA HGX A100 40GB 8-GPU Air Cooled FIO Baseboard for HPE | R3V64A  |
| Performance   | 19.5 TF DP , 19.5TF SP, 312TF FP16            |
| Number of GPU/Baseboard                                     | 8   |
| Memory Size/GPU   | 40GB HBM2                                     |
| Memory Bandwidth  | 1555 GB/s                                     |
| Cores   | Various instance sizes with up to 7MIGs @ 5GB |
| System Interface  | NVLink  |
| Power; GPU/Baseboard  | 400W (3200W)                                  |
| Form Factor   | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R3V64A Supported Servers                | CP U  | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL675d Gen10 Plus          | Rome  | 8.2             | 15 SP1          | 19.1             | -                  | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan | 8.2             | 15 SP1          | 19.1             | -                  | -           | -                |

### Standard Features

| NVIDIA HGX A100 40GB 8 GPU LQD FIO BSBRD                       |   |
|--|---|
| NVIDIA HGX A100 40GB 8-GPU Liquid Cooled FIO Baseboard for HPE | R4W71A  |
| Performance  | 19.5 TF DP , 19.5TF SP, 312TF FP16            |
| Number of GPU/Baseboard  | 8   |
| Memory Size/GPU  | 40GB HBM2                                     |
| Memory Bandwidth   | 1555 GB/s                                     |
| Cores  | Various instance sizes with up to 7MIGs @ 5GB |
| System Interface   | NVLink  |
| Power; GPU/Baseboard   | 500W (4000W)                                  |
| Form Factor  | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R4W71A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL675d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

| NVIDIA HGX A100 40GB 4 GPU AIR FIO BSBRD                    |   |
|---|---|
| NVIDIA HGX A100 40GB 4-GPU Air Cooled FIO Baseboard for HPE | R3V35A  |
| Performance   | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| Number of GPU/Baseboard                                     | 4   |
| Memory Size/GPU   | 40GB HBM2                                     |
| Memory Bandwidth  | 1555 GB/s                                     |
| Cores   | Various instance sizes with up to 7MIGs @ 5GB |
| System Interface  | NVLink  |
| Power; GPU/Baseboard  | 400W (1600W)                                  |
| Form Factor   | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R3V35A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL645d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

### Standard Features

| NVIDIA HGX A100 40GB 4 GPU LQD FIO BSRD                               |   |
|---|---|
| <b>NVIDIA HGX A100 40GB 4-GPU Liquid Cooled FIO Baseboard for HPE</b> | R4W70A  |
| <b>Performance</b>  | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| <b>Number of GPU/Baseboard</b>  | 4   |
| <b>Memory Size/GPU</b>  | 40GB HBM2                                     |
| <b>Memory Bandwidth</b>   | 1555 GB/s                                     |
| <b>Cores</b>  | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>   | NVLink  |
| <b>Power; GPU/Baseboard</b>   | 500W (2000W)                                  |
| <b>Form Factor</b>  | SXM4  |

| Supported Servers and Operating Systems |        |                 |                 |                  |                    |             |                  |
|---|--------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R4W70A Supported Servers                | CPU    | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Rome   | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL645d Gen10 Plus          | Milan  | -               | -               | -                | -                  | -           | -                |
| EX235n                                  | Trento | -               | 15 SP1          | -                | -                  | -           | -                |

| NVIDIA HGX A100 80GB 4 GPU LQD FIO BSRD                               |   |
|---|---|
| <b>NVIDIA HGX A100 80GB 4-GPU Liquid Cooled FIO Baseboard for HPE</b> | R7E29A  |
| <b>Performance</b>  | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| <b>Number of GPU/Baseboard</b>  | 4   |
| <b>Memory Size/GPU</b>  | 80GB HBM2                                     |
| <b>Memory Bandwidth</b>   | 2039 GB/s                                     |
| <b>Cores</b>  | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>   | NVLink  |
| <b>Power; GPU/Baseboard</b>   | 500W (2000W)                                  |
| <b>Form Factor</b>  | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7E29A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL645d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

### Standard Features

| NVIDIA HGX A100 80GB 4 GPU AIR FIO BSRD                            |   |
|--|---|
| <b>NVIDIA HGX A100 80GB 4-GPU Air Cooled FIO Baseboard for HPE</b> | R7B93A  |
| <b>Performance</b>   | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| <b>Number of GPU/Baseboard</b>                                     | 4   |
| <b>Memory Size/GPU</b>   | 80GB HBM2                                     |
| <b>Memory Bandwidth</b>  | 2039 GB/s                                     |
| <b>Cores</b>   | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>  | NVLink  |
| <b>Power; GPU/Baseboard</b>  | 400W (1600W)                                  |
| <b>Form Factor</b>   | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7B93A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL645d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

| NVIDIA HGX A100 80GB 8 GPU AIR FIO BSRD                            |   |
|--|---|
| <b>NVIDIA HGX A100 80GB 8-GPU Air Cooled FIO Baseboard for HPE</b> | R7B94A  |
| <b>Performance</b>   | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| <b>Number of GPU/Baseboard</b>                                     | 8   |
| <b>Memory Size/GPU</b>   | 80GB HBM2                                     |
| <b>Memory Bandwidth</b>  | 2039 GB/s                                     |
| <b>Cores</b>   | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>  | NVLink  |
| <b>Power; GPU/Baseboard</b>  | 400W (3200W)                                  |
| <b>Form Factor</b>   | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7B94A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL675d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

### Standard Features

| NVIDIA HGX A100 80GB 8 GPU LQD FIO BSRD                               |   |
|---|---|
| <b>NVIDIA HGX A100 80GB 8-GPU Liquid Cooled FIO Baseboard for HPE</b> | R7E30A  |
| <b>Performance</b>  | 19.5 TF DP, 19.5TF SP, 312TF FP16             |
| <b>Number of GPU/Baseboard</b>  | 8   |
| <b>Memory Size/GPU</b>  | 80GB HBM2                                     |
| <b>Memory Bandwidth</b>   | 2039 GB/s                                     |
| <b>Cores</b>  | Various instance sizes with up to 7MIGs @ 5GB |
| <b>System Interface</b>   | NVLink  |
| <b>Power; GPU/Baseboard</b>   | 500W (4000W)                                  |
| <b>Form Factor</b>  | SXM4  |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7E30A Supported Servers                | CPU   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL675d Gen10 Plus          | Rome  | -               | -               | -                | -                  | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan | -               | -               | -                | -                  | -           | -                |

| NVIDIA A40 48GB Accelerator for HPE |   |
|-------------------------------------|---|
| <b>SKU</b>                          | R7E31A/ R7E31C  |
| <b>Performance</b>                  | 37.4TF SP, 149.7TF FP16                               |
| <b>Memory Size</b>                  | 48GB GDDR6  |
| <b>Memory Bandwidth</b>             | 696 GB/s  |
| <b>Cores</b>                        | 10,752  |
| <b>System Interface</b>             | PCIe Gen4   |
| <b>Power</b>                        | 300W  |
| <b>Form Factor</b>                  | 4.4" H x 10.5" L, Dual Slot, Full Height, Full Length |

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7E31A Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Milan   | 8.3             | 15 SP2          | 20.04            | WS2019             | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan   | 8.3             | 15 SP2          | 20.04            | WS2019             | -           | -                |
| R7E31C Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380 Gen10                | Cascad  | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U2      | 8.2              |
| HPE ProLiant DL380 Gen10 Plus           | Icelake | 8.3             | 15 SP2          | 20.04            | WS2019             | 7.0 U2      | 8.2              |
| HPE ProLiant DL580 Gen10                | Cascad  | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |

### Standard Features

|                                  |         |     |        |       |        |        |     |
|----------------------------------|---------|-----|--------|-------|--------|--------|-----|
| HPE Synergy 480 Gen10            | Cascad  | 8.3 | 15 SP2 | 20.04 | WS2019 | -      | -   |
| HPE Synergy 480 Gen10 Plus E2    | Icelake | 8.3 | 15 SP3 | -     | WS2019 | -      | -   |
| HPE ProLiant DL385 Gen10 Plus V2 | Milan   | 8.3 | 15 SP2 | 20.04 | WS2019 | 7.0 U2 | 8.2 |

### NVIDIA A40 48GB non-CEC Accelerator for HPE

|   |   |
|---|---|
| <b>NVIDIA A40 48GB PCIe Non-CEC Accelerator for HPE</b> | R9S37C  |
| <b>Performance</b>                                      | 37.4TF SP, 149.7TF FP16                               |
| <b>Memory Size</b>                                      | 48GB GDDR6  |
| <b>Memory Bandwidth</b>                                 | 696 GB/s  |
| <b>Cores</b>  | 10,752  |
| <b>System Interface</b>                                 | PCIe Gen4   |
| <b>Power</b>  | 300W  |
| <b>Form Factor</b>                                      | 4.4" H x 10.5" L, Dual Slot, Full Height, Full Length |

### Supported Servers and Operating Systems

| <b>R9S37C Supported Servers</b> | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|---------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| HPE ProLiant XL645d Gen10 Plus  | Milan        | 8.4                    | 15 SP3                 | 20.04                   | WS2022                    | 7.0 U2             | -                       |
| HPE ProLiant XL675d Gen10 Plus  | Milan        | 8.4                    | 15 SP3                 | 20.04                   | WS2022                    | 7.0 U2             | -                       |
| HPE ProLiant DL380 Gen10        | Cascad       | 8.4                    | 15 SP3                 | 20.04                   | WS2022                    | 7.0 U2             | 8.2                     |

| <b>R9S37C Supported Servers</b>  | <b>CPU *</b> | <b>RHEL Enterprise</b> | <b>SLES Enterprise</b> | <b>Ubuntu Community</b> | <b>Windows Enterprise</b> | <b>VMware ESXi</b> | <b>Citrix XenServer</b> |
|----------------------------------|--------------|------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------------------|
| HPE ProLiant DL380 Gen10 Plus    | Icelake      | 8.3                    | 15 SP2                 | 20.04                   | WS2019                    | 7.0 U2             | 8.2                     |
| HPE ProLiant DL580 Gen10         | Cascad       | 8.4                    | 15 SP3                 | 20.04                   | WS2022                    | 7.0 U2             | -                       |
| HPE Synergy 480 Gen10 E2         | Cascad       | 8.3                    | 15 SP2                 | -                       | WS2019                    | 7.0 U3             | 8.2                     |
| HPE Synergy 480 Gen10 Plus E2    | Icelake      | 8.3                    | 15 SP3                 | -                       | WS2019                    | 7.0 U3             | -                       |
| HPE ProLiant DL385 Gen10 Plus V2 | Milan        | 8.3                    | 15 SP2                 | 20.04                   | WS2019                    | 7.0 U2             | 8.2                     |
| HPE Edgeline EL8000 e920d/e920t  | Icelake      | 8.3                    | 15 SP2                 | -                       | WS2019                    | -                  | -                       |
| HPE Superdome Flex 280           | Copper       | 8.4                    | 15 SP3                 | -                       | WS2022                    | 7.0 U3             | -                       |



### Standard Features

| NVIDIA A10 24GB PCIe GPU Module |                               |
|---------------------------------|-------------------------------|
| SKU                             | R7G40A/R7G40C                 |
| Performance                     | 31TF SP, 125TF FP16           |
| Memory Size                     | 24GB GDDR6                    |
| Memory Bandwidth                | 600 GB/s                      |
| System Interface                | PCIe Gen4                     |
| Power                           | 150W                          |
| Form Factor                     | 4.4" H x 10.5" L, Single Slot |

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R7G40A Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant XL645d Gen10 Plus          | Milan   | 8.3             | 15 SP2          | -                | Win 19             | -           | -                |
| HPE ProLiant XL675d Gen10 Plus          | Milan   | 8.3             | 15 SP2          | -                | Win 19             | -           | -                |
| R7G40C Supported Servers                |         |                 |                 |                  |                    |             |                  |
| HPE ProLiant DL345 Gen10 Plus           | Milan   | 8.3             | 15 SP2          | 20.04            | Win19              | In test     | In test          |
| HPE ProLiant DL380 Gen10 Plus           | Icelake | 8.3             | 15 SP2          | 20.04            | Win19              | In test     | In test          |
| HPE Synergy 480 Gen10 Plus              | Icelake | 8.3             | 15 SP2          | -                | Win19              | 7.0 U2      | In test          |

| NVIDIA A10 24GB non-CEC PCIe Accelerator         |                               |
|--|-------------------------------|
| NVIDIA A10 24GB PCIe Non-CEC Accelerator for HPE | R9W59A/ R9W59C                |
| Performance                                      | 31TF SP, 125TF FP16           |
| Memory Size                                      | 24GB GDDR6                    |
| Memory Bandwidth                                 | 600 GB/s                      |
| System Interface                                 | PCIe Gen4                     |
| Power  | 150W                          |
| Form Factor                                      | 4.4" H x 10.5" L, Single Slot |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9W59A Supported Servers                | CPU * | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant xl645d Gen 10 Plus         | Milan | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U2      | -                |
| HPE ProLiant xl675d Gen 10 Plus         | Milan | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |

### Standard Features

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9W59C Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE DL345 Gen10 Plus                    | Milan   | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |
| HPE ProLiant DL380 Gen10 Plus           | Icelake | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U2      | 8.2              |
| HPE SY480 Gen10 Plus E4                 | Icelake | 8.5             | 15 SP3          | -                | WS2022             | 7.0 U3      | -                |

| NVIDIA A100 80GB non-CEC PCIe Accelerator for HPE |  |
|---|--|
| SKU   | R9P49A/ R9P49C                                 |
| Performance                                       | 9.7TF DP, 19.5TF SP, 156TF FP16                |
| Memory Size                                       | 80GB HBM2e                                     |
| Memory Bandwidth                                  | 1935GB/s                                       |
| Multi-instance GPUs                               | Various instance sizes with up to 7MIGs @ 10GB |
| System Interface                                  | PCIe Gen4                                      |
| Power   | 300W   |
| Form Factor                                       | 10.5"x1.37"x4.37", Full Height, Full Length    |

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9P49A Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant xl645d Gen 10 Plus         | Milan   | 8.4             | 15 SP3          | 20.04            | WS 2022            | 7.0 U3      | -                |
| HPE ProLiant xl675d Gen 10 Plus         | Milan   | 8.4             | 15 SP3          | 20.04            | WS 2022            | 7.0 U3      | -                |
| HPE Superdome Flex 280                  | Copper  | 8.4             | 15 SP3          | -                | WS 2022            | 7.0 U3      | -                |
| HPE ProLiant xl290n Gen10 Plus          | Icelake | 8.4             | 15 SP3          | 20.04            | WS 2022            | -           | -                |
| HPE ProLiant xl270d Gen10               | Icelake | 8.3             | 15 SP2          | -                | WS 2019            | -           | -                |
| HPE Edgeline EL8000 e920d               | Cascade | 8.3             | 15 SP2          | -                | WS 2019            | -           | -                |
| HPE Superdome Flex                      | Cascade | 8.4             | 15 SP3          | -                | WS 2022            | 7.0 U3      | -                |
| HPE Cray XD295v                         | Genoa   | 9.0             | 15 SP4          | 22.04            | WS 2022            | 8.0         | -                |

### Standard Features

| Supported Servers and Operating Systems |         |                 |                 |                  |                    |             |                  |
|---|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9P49C Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380 Gen10 Plus           | Icelake | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE ProLiant DL380 Gen11                | SPR     | 9.0             | 15SP4           | 22.04            | WS2022             | 8.0         | -                |
| HPE ProLiant DL380a Gen11               | SPR     | 9.0             | 15SP4           | 22.04            | WS2022             | 8.0         | -                |
| R9P49C Supported Servers                | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL580 Gen10                | Casca d | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |
| HPE ProLiant DL385 Gen10 Plus v2        | Milan   | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE DL385 Gen11                         | Genoa   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | -                |

### NVIDIA A2 16GB PCIe Non-CEC Accelerator

|                            |  |
|----------------------------|--|
| <b>SKU</b>                 | R9H23C   |
| <b>Performance</b>         | FP32: 4.5TF, TF32: 9TF, BFLOAT 16:18TF, FP16: 18TF, INT8: 36 TOPS, INT4: 72 TOPS |
| <b>Memory Size</b>         | 16 GB GDDR6  |
| <b>Memory Bandwidth</b>    | 200 GB/s   |
| <b>Multi-instance GPUs</b> | 2.560  |
| <b>System Interface</b>    | PCIe Gen4 x 8  |
| <b>Power</b>               | 40-60W   |
| <b>Form Factor</b>         | Single Slot, Low Profile, HHHL   |

### Supported Servers and Operating Systems

| R9H23C Supported Servers         | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
|----------------------------------|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| HPE DL325 Gen10 Plus v2          | Milan   | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE DL325 Gen11                  | Genoa   | 9.0             | 15 SP4          | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL360 Gen10         | Casca d | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | XS 8.2           |
| HPE ProLiant DL360 Gen10 Plus    | Icelake | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE ProLiant DL360 Gen11         | SPR     | 9.0             | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL380 Gen10         | Casca d | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE ProLiant DL380 Gen10 Plus    | Icelake | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE ProLiant DL385 Gen10 Plus v2 | Milan   | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE Synergy 480 Gen10 Plus H     | Icelake | 8.4             | 15 SP3          | -                | WS2022             | 7.0 U3      | -                |

### Standard Features

|                                      |         |     |        |       |        |        |   |
|--------------------------------------|---------|-----|--------|-------|--------|--------|---|
| HPE Synergy 480 Gen10 Plus P         | Icelake | 8.4 | 15 SP3 | -     | WS2022 | 7.0 U3 | - |
| HPE Synergy 480 Gen10                | Cascade | 8.4 | 15 SP3 | -     | WS2022 | 7.0 U3 | - |
| HPE Edgeline EL8000 e920/e920d/e920t | Icelake | 8.3 | 15 SP2 | -     | WS2019 | -      | - |
| HPE Apollo 4200 Gen10 Plus           | Icelake | 8.4 | 15 SP3 | 20.04 | WS2022 | 7.0 U3 | - |
| HPE ProLiant ML350 Gen10             | Cascade | 7.6 | 15 SP2 | -     | WS2019 | 7.0 U3 | - |

### NVIDIA A16 64GB non-CEC PCIe Accelerator for HPE

|                         |   |
|-------------------------|---|
| <b>SKU</b>              | R8T26C  |
| <b>Performance</b>      | FP32   TF32   TF321 (TFLOPS): 4x 4.5   4x 9   4x 18<br>FP16   FP161 (TFLOPS): 4x 17.9   4x 35.9<br>INT8   INT81 (TOPS): 4x 35.9   4x 71.8 |
| <b>Memory Size</b>      | 64 GB GDDR-6 (16 GB/GPU)  |
| <b>Memory Bandwidth</b> | 4x 200 GB/s   |
| <b>System Interface</b> | PCIe Gen4 x16   |
| <b>Power</b>            | 250W  |
| <b>Form Factor</b>      | 10.5" Dual slot, Full Height, Full Length   |
| <b>Performance</b>      | FP32   TF32   TF321 (TFLOPS): 4x 4.5   4x 9   4x 18<br>FP16   FP161 (TFLOPS): 4x 17.9   4x 35.9<br>INT8   INT81 (TOPS): 4x 35.9   4x 71.8 |

### Supported Servers and Operating Systems

| R8T26C Supported Servers         | CPU *   | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
|----------------------------------|---------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| HPE ProLiant DL380 Gen10         | Cascade | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | 8.2              |
| HPE ProLiant DL380 Gen10 Plus    | Icelake | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | 8.2              |
| HPE ProLiant DL380 Gen11         | SPR     | 9.0             | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE Synergy 480 Gen 10 Plus      | Icelake | 8.4             | 15 SP3          | -                | WS2022             | 7.0         | -                |
| HPE ProLiant DL385 Gen10 Plus v2 | Milan   | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | 8.2              |
| HPE ProLiant DL365 Gen11         | Genoa   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL385 Gen11         | Genoa   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |

### Standard Features

| NVIDIA A30 24GB non-CEC PCIe Accelerator         |   |
|--|---|
| NVIDIA A30 24GB PCIe Non-CEC Accelerator for HPE | R9S38C                                    |
| Performance                                      | 10.3TF SP, 5.2TF FP64                     |
| Memory Size                                      | 24GB HBM2                                 |
| Memory Bandwidth                                 | 933 GB/s                                  |
| System Interface                                 | PCIe Gen4                                 |
| Power  | 165W                                      |
| Form Factor                                      | 10.5" Dual slot, Full Height, Full Length |

| Supported Servers and Operating Systems |          |                 |                 |                  |                    |             |                  |
|---|----------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9S38C Supported Servers                | CPU *    | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE Superdome Flex                      | Casca d  | 8.4             | 15 SP3          | -                | WS 2022            | 7.0 U3      | -                |
| HPE Superdome Flex 280                  | Coop er  | 8.4             | 15 SP3          | -                | WS 2022            | 7.0 U3      | -                |
| HPE ProLiant DL380 Gen10                | Casca d  | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |
| HPE ProLiant DL380 Gen10 Plus           | Icelak e | 8.4             | 15 SP3          | 20.04            | WS2022             | 7.0 U3      | -                |
| HPE ProLiant DL385 Gen10 Plus v2        | Milan    | 8.4             | 15 SP3          | 20.04            | WS2022             | -           | -                |

| NVIDIA H100 80GB PCIe Accelerator for HPE |   |
|---|---|
| SKU                                       | R9S41C/ R9S41A                              |
| Performance                               | 26TF FP64, 51TF FP32, 1,513TF FP16          |
| Memory Size                               | 80GB HBM2e                                  |
| Memory Bandwidth                          | 2TB/s                                       |
| Multi-instance GPUs                       | Up to 7MIGs @ 10GB                          |
| System Interface                          | PCIe Gen5                                   |
| Power                                     | 300-350W (configurable)                     |
| Form Factor                               | 10.5"x1.37"x4.37", Full Height, Full Length |

| Supported Servers and Operating Systems |          |                 |                 |                  |                    |             |                  |
|---|----------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9S41C Supported Servers                | CPU *    | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380 Gen10 Plus           | Icelak e | 9               | 15SP3           | 22.04            | WS2022             | 8.0         | -                |
| HPE ProLiant DL380 Gen11                | SPR      | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL380a Gen11               | SPR      | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | -                |

### Standard Features

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| R9S41A Supported Servers                | CPU * | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant xl645d Gen 10 Plus         | Milan | 9               | 15 SP3          | 20.04            | WS 2022            | 8.0         | -                |
| HPE ProLiant xl675d Gen 10 Plus         | Milan | 9               | 15 SP3          | 20.04            | WS 2022            | 8.0         | -                |

| NVIDIA L4 24GB PCIe Accelerator for HPE |   |
|---|---|
| <b>SKU</b>                              | S0K89C  |
| <b>Performance</b>                      | 30TF FP32, 242TF FP16, 485TF INT8 (with sparsity, specs are one-half lower without) |
| <b>Memory Size</b>                      | 24GB GDDR6  |
| <b>Memory Bandwidth</b>                 | 300GB/s   |
| <b>System Interface</b>                 | PCIe Gen4 x16   |
| <b>Power</b>                            | 72W (40W minimum)   |
| <b>Form Factor</b>                      | Half-height, Half-length, Single-slot   |

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| S0K89C Supported Servers                | CPU * | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL320 Gen11                | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL360 Gen11                | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL380 Gen11                | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE EL8000 e920/e920d/e920t             | SPR   | 9               | 15SP4           | 22.04            | WS2022             | -           | -                |

| NVIDIA L40 48GB PCIe Accelerator for HPE |   |
|--|---|
| <b>SKU</b>                               | S0K90C  |
| <b>Performance</b>                       | 90TF FP32, FP16 Tensor core TFLOPS 90.5/181* (*with sparsity) |
| <b>Memory Size</b>                       | 48GB GDDR6  |
| <b>Memory Bandwidth</b>                  | 864GB/s   |
| <b>System Interface</b>                  | PCIe Gen4 x16   |
| <b>Power</b>                             | 300W  |
| <b>Form Factor</b>                       | 4.4"H x 10.5"L dual-slot                                      |

### Standard Features

| Supported Servers and Operating Systems |       |                 |                 |                  |                    |             |                  |
|---|-------|-----------------|-----------------|------------------|--------------------|-------------|------------------|
| S0K90C Supported Servers                | CPU * | RHEL Enterprise | SLES Enterprise | Ubuntu Community | Windows Enterprise | VMware ESXi | Citrix XenServer |
| HPE ProLiant DL380 Gen11                | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant DL380a Gen11               | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant ML350 Gen11                | SPR   | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | 8.2              |
| HPE ProLiant xl675d Gen 10 Plus         | Milan | 9               | 15SP4           | 22.04            | WS2022             | 8.0         | -                |
| HPE EL8000 e920d/e920t                  | SPR   | 9               | 15SP4           | 22.04            | WS2022             | -           | -                |

#### Notes:

##### –CPU Type

- o Sky: 1<sup>st</sup> Gen Intel Xeon Scalable Processor
- o Cascad: 2<sup>nd</sup> Gen Intel Xeon Scalable Processor
- o Cooper: 3<sup>rd</sup> Gen Intel Xeon Scalable Processor
- o Icelake: 3<sup>rd</sup> Gen Intel Xeon Scalable Processor
- o SPR: 4<sup>th</sup> Gen Intel Xeon Scalable Processor
- o Coffee: 9<sup>th</sup> Gen Intel Core i3 Processor
- o Broad: 5<sup>th</sup> Gen Intel Xeon D Processor
- o EPYC: 1<sup>st</sup> Gen AMD EPYC Processor
- o Rome: 2<sup>nd</sup> Gen AMD EPYC Processor
- o Milan: 3<sup>rd</sup> Gen AMD EPYC Processor
- o Genoa: 4<sup>th</sup> Gen AMD EPYC Processor
- o Trento: AMD Processor



### Service and Support

#### Service and Support

If this is a qualified option, it is covered under the HPE Support Service(s) applied to the HPE ProLiant Server. Please check HPE ProLiant Server documentation for more details on the services for this option.

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#### Warranty and Support Services

Warranty and Support Services will extend to include HPE options configured with your server or storage device. The price of support service is not impacted by configuration details. HPE sourced options that are compatible with your product will be covered under your server support at the same level of coverage allowing you to upgrade freely. Installation for HPE options is available as needed. To keep support costs low for everyone, some high value options will require additional support. Additional support is only required on select high value workload accelerators, fibre switches, InfiniBand and UPS batteries over 12KVA.

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#### HPE Pointnext - Service and Support

**Get the most from your HPE Products.** Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services**, focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

##### Consume IT on your terms

**HPE GreenLake** brings the cloud experience directly to your apps and data wherever they are-the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

##### Managed services to run your IT operations

**HPE GreenLake Management Services** provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

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#### Recommended Services

##### HPE Pointnext Tech Care.

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimaged from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

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### Service and Support

#### HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

- A complete coverage approach-edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/complecare>

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#### Protect your business beyond warranty with HPE Support Services

HPE Pointnext provides a comprehensive portfolio including Advisory and Transformational, Professional, and Operational Services to help accelerate your digital transformation. From the onset of your transformation journey, Advisory and Transformational Services focus on designing the transformation and creating a solution roadmap. Professional Services specializes in creative configurations with flawless and on-time implementation, and on-budget execution. Finally, operational services provide innovative new approaches like Flexible Capacity and Complete Care, to keep your business at peak performance. HPE is ready to bring together all the pieces of the puzzle for you, with an eye on the future, and make the complex simple.

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#### Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

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#### HPE Support Center

The HPE Support Center is a personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with HPE experts, access support resources or collaborate with peers.

Learn more: <http://www.hpe.com/support/hpesc>

The HPE's Support Center Mobile App\* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

HPE Insight Remote Support and HPE Support Center are available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

**Notes:** \*HPE Support Center Mobile App is subject to local availability.

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#### For more information

Visit the Hewlett Packard Enterprise Service and Support [website](#).

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### Summary of Changes

| Date        | Version History | Action  | Description of Change   |
|-------------|-----------------|---------|---|
| 05-Jun-2023 | Version 53      | Changed | Added sustaining quals, adding missing NVLink bridge quals<br>Standard Features section was updated.  |
| 03-Apr-2023 | Version 52      | Changed | Added L4 and L40, removed note on launched combos.<br>Overview and Standard Features sections were updated.   |
| 06-Mar-2023 | Version 51      | Changed | Removed notes on launched combos. Added 2 A100, 2 H100,<br>1 A16.<br>Standard Features section was updated.   |
| 06-Feb-2023 | Version 50      | Changed | Added H100  |
| 10-Jan-2023 | Version 49      | Changed | Added Gen11 quotable but not orderable systems  |
| 21-Nov-2022 | Version 48      | Changed | Added numerous ESXi qualifications, added back missing<br>A30   |
| 01-Aug-2022 | Version 47      | Changed | Overview and Standard Features sections were updated.   |
| 05-Jul-2022 | Version 46      | Changed | Added A10 non-CEC, A30 non-CEC,<br>Added A16 non-CEC, Updated DL385 Gen10 Plus with Milan<br>processors to Gen10 Plus v2<br>Overview and Standard Features sections were updated.             |
| 20-Jun-2022 | Version 45      | Changed | Added A2 non-CEC, sustaining A40 non-CEC and sustaining<br>A100 80GB non-CEC<br>Overview and Standard Features sections were updated  |
| 02-May-2022 | Version 44      | Changed | Overview and Standard Features sections were updated.<br>Added compatibility. Added A100 80GB non CEC PCIe and<br>A40 48GB non-CEC.. Removed OBS V100/V100S PCIe<br>SKUs. Removed A2 and A16. |
| 11-Oct-2021 | Version 43      | Changed | Service and Support section was updated   |
| 07-Sep-2021 | Version 42      | Changed | Standard Features section was updated<br>Obsolete SKUs were removed   |
| 02-Aug-2021 | Version 41      | Changed | Added NVIDIA A10 C-SKU<br>Overview, Standard Features and Service and Support<br>sections were updated.   |
| 06-Jul-2021 | Version 40      | Changed | Overview and Standard Features sections were updated.   |
| 07-Jun-2021 | Version 39      | Changed | Standard Features section was updated   |
| 04-May-2021 | Version 38      | Changed | Standard Features section was updated.  |
| 12-Apr-2021 | Version 37      | Changed | Overview and Standard Features sections were updated.   |
| 06-Apr-2021 | Version 36      | Changed | Overview and Standard Features sections were updated.   |
| 01-Feb-2021 | Version 35      | Changed | Overview and Standard Features sections were updated.<br>Added A100 HGX Products  |
| 07-Dec-2020 | Version 34      | Changed | Add NVLink Bridge and A100 HGX products   |
| 05-Oct-2020 | Version 33      | Changed | Changed Naming, Added A100 New Product and Updated<br>server language to be inclusive of Pan-HPE support  |
| 06-Apr-2020 | Version 32      | Changed | Overview and Standard Features sections were updated<br>Obsolete SKUs were removed  |
| 02-Dec-2019 | Version 31      | Changed | Overview and Standard Features sections were updated<br>Obsolete SKUs were removed  |
| 03-Jun-2019 | Version 30      | Changed | Models and Standard Features sections were updated  |
| 02-Apr-2019 | Version 29      | Changed | Overview and Standard Features sections were updated.<br>Obsolete SKUs were removed.  |
| 04-Feb-2019 | Version 28      | Changed | Overview and Standard Features sections were updated  |
| 03-Dec-2018 | Version 27      | Changed | Standard Features section was updated   |
| 15-Oct-2018 | Version 26      | Changed | Overview and Standard Features sections were updated.   |
| 01-Oct-2018 | Version 25      | Changed | Overview, Additional Options and Service and Support<br>sections were updated.<br>Added GV100 Bridge Kit; corrected wrong PNs   |

### Summary of Changes

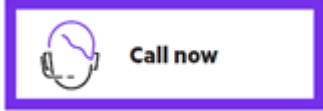
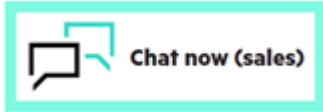
|             |            |         |   |
|-------------|------------|---------|---|
| 04-Jun-2018 | Version 24 | Changed | Changes made throughout document; adding V100 FHHL card   |
| 07-May-2018 | Version 23 | Changed | Add HPE NVIDIA Tesla V100 PCIe 32GB Computational Accelerator / HPE NVIDIA Tesla V100 SXM2 32GB Computational Accelerator |
| 02-Apr-2018 | Version 22 | Changed | Updates throughout document; added GV100  |

| Date         | Version History | Action  | Description of Change  |
|--------------|-----------------|---------|--|
| 04-Dec-2017  | Version 21      | Changed | New modules added  |
| 16-Oct-2017  | Version 20      | Changed | Update verbiage in the Standard  |
| 25-Sep-2017  | Version 19      | Changed | Update verbiage in the Standard Features Sections  |
| 11-Jul-2017  | Version 18      | Changed | New models were added and updates throughout the whole document  |
| 05-Jun-2017  | Version 17      | Changed | Remove obsolete info and SKUs and update the recent info   |
| 08-May-2017  | Version 16      | Changed | New models were added and updates throughout the whole document  |
| 28-Nov-2016  | Version 15      | Changed | Updates throughout the whole document  |
| 26-Sep-2016  | Version 14      | Changed | Added new SKUs to QS   |
| 06-Jun -2016 | Version 13      | Changed | Add The new information to the QS and remove obsolete SKU's  |
| 31-Mar-2016  | Version 12      | Changed | Update all the sections and general info throughout the QuickSpecs   |
| 01-Dec-2015  | Version 11      | Changed | Update the Standard Features and the technical Specifications section  |
| 17-Aug-2015  | Version 10      | Changed | Update several Overview and technical specifications.  |
| 09-Feb-2015  | Version 9       | Changed | Update several Overview and technical specifications.  |
| 01-Dec-2014  | Version 8       | Changed | Revised wording and Technical Specifications   |
| 09-Sep-2014  | Version 7       | Changed | Changes made throughout the QuickSpecs.  |
| 05-Jun-2014  | Version 6       | Changed | High Performance Clusters and Thermal Solutions were revised   |
| 31-Mar-2014  | Version 5       | Changed | NVIDIA Tesla K40C 12 GB Computational Accelerator and NVIDIA Quadro K2000 PCIe Graphics Adapter were added   |
| 18-Feb-2014  | Version 4       | Changed | Changes made throughout the QuickSpecs   |
| 09-Dec-2013  | Version 3       | Changed | NVIDIA Tesla K10 Rev B Dual GPU Module and NVIDIA Tesla K40 12 GB Module were added.                         |
| 20-Sep-2013  | Version 2       | Changed | Changes made in the following Sections<br>Standard Features<br>Optional Features<br>Technical Specifications |
| 10-Sep-2013  | Version 1       | New     | New QuickSpecs   |

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