# QuickSpecs

#### Overview

## HPE Apollo 2000 Gen10 Chassis

The HPE Apollo 2000 Gen10 System is a dense, multi-server platform that packs incredible performance and workload flexibility into a small datacenter space, while delivering the efficiencies of a shared infrastructure. It is designed to provide a bridge to scaleout architecture for traditional data centers, so enterprise and SME customers can achieve the space-saving value of densityoptimized infrastructure in a cost-effective and non-disruptive manner.

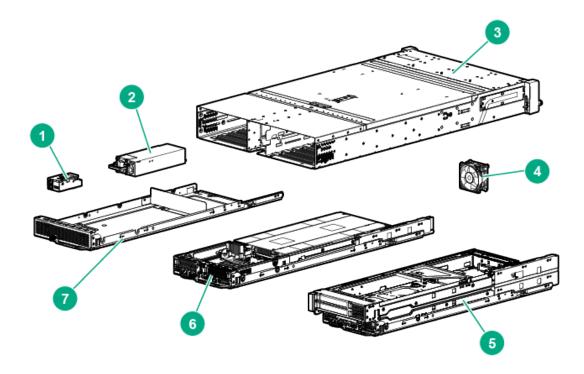
The Apollo 2000 Gen10 System offers the configuration flexibility to support a variety of workloads, from remote site systems to large HPC clusters and everything in between. And it can be deployed cost-effectively starting with a single 2U, shared infrastructure chassis to meet the configuration needs of a wide variety of scale-out workloads.

The Apollo 2000 Gen10 System is a density-optimized, 2U shared infrastructure chassis for up to 4 ProLiant XL170r Gen10 and up to 2 ProLiant XL190r Gen10 independent, hot-plug servers with all the traditional data center attributes – standard racks and cabling and rear-aisle serviceability access. A 42U rack fits up to 20 Apollo r2000 series chassis accommodating up to 80 servers per rack.

With Apollo 2000 Gen10 System servers there is flexibility to tailor the system to the precise needs of each workload with compute and flexible I/O and storage options. Apollo 2000 System servers can be "mixed and matched" within a single chassis to support different applications and it can even be deployed with a single server, leaving room to scale as customer's needs grow. One cannot use Gen9 servers in a Gen10 chassis or Gen10 servers in a Gen9 chassis.

The Apollo Gen10 2000 chassis comes with 4 new generation single rotor fans and an additional 4 fans can be added for redundancy. It supports up to 2 HPE Flexible Slot Power Supplies which provide up to 94% power efficiency. The chassis can also be managed by the HPE Advance Power Manager (HPE APM) an optional rack level manager.





#### HPE Apollo r2200 12LFF Gen10 CTO Chassis - 12 LFF

7

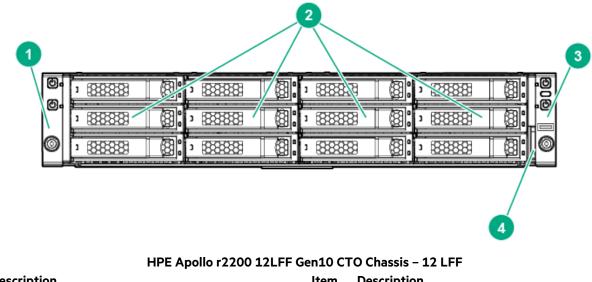
#### Item Description

- 1 RCM module (optional)
- 2 Power Supply

- 3 HPE Apollo 2000 Gen10 Chassis
- 4 Chassis serial label pull tab

#### Item Description

- 5 HPE ProLiant XL190r Gen10 Server
- 6 HPE ProLiant XL170r Gen10 Server
  - Server tray blank

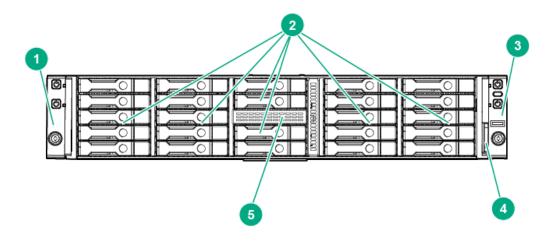


#### Description ltem

- Left bezel ear 1
- 2 Low-profile LFF hot-plug drives

#### ltem Description

- 3 Right bezel ear
- 4 Chassis serial label pull tab



#### HPE Apollo r2600 24SFF-Prem Gen10 CTO Chassis – 24 SFF

Item

4

5

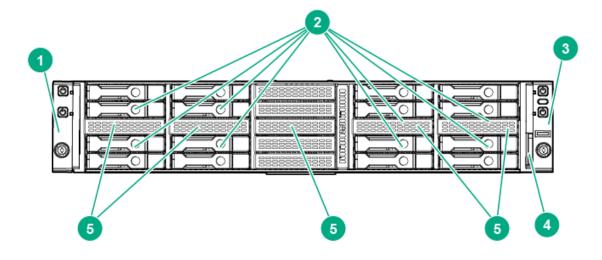
Description

Chassis serial label pull tab

Non-removable bezel blank

#### ltem Description

- 1 Left bezel ear
- 2 SFF hot-plug drives
- 3 Right bezel ear



#### HPE Apollo r2800 24SFF-Flex Gen10 CTO Chassis- 16 NVMe

#### Item Description

- 1 Left bezel ear
- 2 NVMe drives
- 3 Right bezel ear

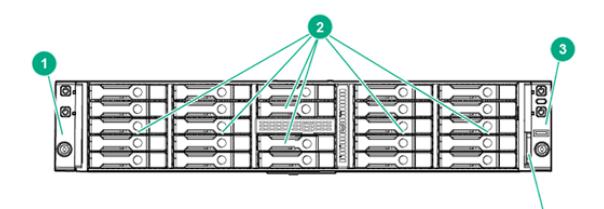
4 5

Item

Chassis serial label pull tab

Description

Non-removable bezel blanks



#### HPE Apollo r2800 24SFF-Flex Gen10 CTO Chassis- w/ SAS expander

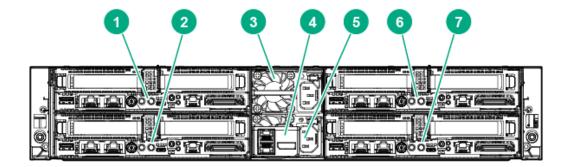
3

#### Item Description

- 1 Left bezel ear
- 2 SFF HP SmartDrives

- Item Description
  - Right bezel ear
- 4 Chassis serial label pull tab



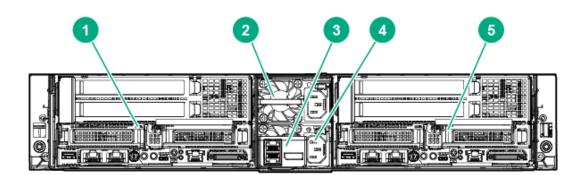


#### Item Description

- 1 Server 4
- 2 Server 3

- 3 Power supply 2
- 4 RCM module (optional)

ltem	Description
5	Power Supply 1
6	Server 2
7	Server 1



#### Chassis Rear panel Components / Two 2U Servers

ltem	Description	ltem	Description
1	Server 3	4	Power Supply 1
2	RCM module (optional)	5	Server 1
3	Power Supply 2		

## **Standard Features**

#### Chassis

#### There are 4 chassis options with different storage configurations

- HPE Apollo r2200 12LFF Gen10 CTO Chassis allocated equally across server nodes
   12 LFF hot-pluggable SAS/SATA HDD/SSD (Direct Attach)
- HPE Apollo r2600 24SFF-Prem Gen10 CTO Chassis allocated equally across server nodes
- 24 SFF hot-pluggable SAS/SATA HDD/SSD
- 16 SFF SAS/SATA +8 NVMe HDD
- HPE Apollo r2800 24SFF-Flex Gen10 CTO Chassis
  - This chassis has 2 Backplane options
  - HPE r2800 Gen10 16SFF NVMe BP FIO Kit (16 SFF NVMe): allocated equally across server nodes
  - HPE r2800 Gen10 24SFF BP w/EXP FIO Kit (SAS Expander) : allocated flexibly across server nodes

#### Each HPE Apollo 2000 Chassis is built with the following:

- Four server slots for a chassis
- Up to two (2) power supplies for the chassis HPE Thermal Logic technology for lower power consumption and airflow.
- Four (4) single rotor fans standard and an additional 4 fans can be added for redundancy

#### **System Fans**

The Chassis ships standard with 4 single rotor fan modules.

#### Server Tray Blank Kit

A chassis requires that four (4) server tray slots be populated with either an HPE ProLiant XL170r Gen10, XL190r Gen10 server or an HPE Apollo 2000 Gen10 Server Node Blank Kit.

## Rack Airflow Requirements HPE Apollo 2000 Gen10 Chassis

The increasing power of new high-performance processor technology requires increased cooling efficiency for rack-mounted servers. For maximum cooling, HPE racks are recommended to allow these racks to be fully loaded with servers using the latest processors. For detail information please see Apollo 2000 System User Guide

#### **CAUTION:**

- If a third-party rack is used, observe the following additional requirements to ensure adequate airflow and to prevent damage to the equipment.
- Always use blanking panels to fill all remaining empty front panel U-spaces in the rack. This arrangement ensures proper airflow. Using a rack without blanking panels will result in improper cooling that can lead to thermal damage.

## Service and Support

#### Pointnext - Service and Support

It is recommended to have the same attached support level for all products included in the HPE Apollo 2000 chassis. The support of HPE Apollo 2000 the chassis covers the chassis, the included options, and APM. Support for the xl170r and xl190r are sold separately.

#### **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 <u>HPE Pointnext</u> <u>Services</u>. 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 <u>Advisory Services</u>, focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our <u>Professional</u> and <u>Operational Services</u> 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

<u>HPE GreenLake Management Services</u> 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.

#### 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 reimagined 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

#### 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 customercentric 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/completecare



#### HPE Pointnext for Industry Standard Servers

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 provides 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.

#### Related Services HPE Flexible Capacity

With Flexible Capacity, you get the speed, scalability, and economics of the public cloud in the privacy of your data center. Gain the advantages of the public cloud—consumption-based payment, rapid scalability without worrying about capacity constraints. Reduce the "heavy lifting" needed to operate a data center. And retain the advantages that IT provides the business (i.e., control, security). Deliver the right user experience, choose the right technology for the business, manage privacy and compliance, and manage the cost of IT. And, you have the option to use the public cloud when needed

#### **HPE Installation and Startup Service**

Provides for the installation of your HPE hardware according to product specifications including options. The HPE service delivery technician will connect the product to a LAN as appropriate and enable remote support to allow for automatic case creation for hardware failures. Installation and start up services also includes the installation of one supported operating system type (Windows® or Linux)

#### Factory Express for servers and storage

HPE Factory Express offers configuration, customization, integration and deployment services for Hewlett Packard Enterprise servers and storage products. Customers can choose how their factory solutions are built, tested, integrated, shipped and deployed.

Factory Express offers service packages for simple configuration, racking, installation, complex configuration and design services as well as individual factory services, such as image loading, asset tagging, and custom packaging. HPE products supported through Factory Express include a wide array of servers and storage: HPE Integrity, HPE ProLiant, HPE Apollo, HPE ProLiant Server Blades, HPE BladeSystem, HPE 9000 servers as well as the MSAxxxx3PAR suite, XP, rackable tape libraries and configurable network switches.

For more information on Factory Express services for your specific server model please contact your sales representative.

#### **Data Privacy Services**

Protect your data through better media management. HPE Data privacy services help manage and protect sensitive data to reduce the risk of unauthorized access to private information and help meet compliance requirements. Our retention services allow you to keep drives and other devices upon failure, our removal services provide convenient data sanitization and our recovery services allow you to safely retire IT assets and capture any remaining value from the hardware. hpe.com/services/lifecycle event Additional can be found at: http://www.hpe.com/services

#### **HPE Education Services**

Keep your IT staff trained making sure they have the right skills to deliver on your business outcomes. Book on a class today and learn how to get the most from your technology investment. **http://www.hpe.com/ww/learn** 

## Service and Support

#### **Connect your devices**

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Reduce down time and improve diagnostic accuracy with a single consolidated view of your environment. By connecting, you will receive 24x7monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Tech Care Service and HPE Complete Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization. All of these benefits are already available to you with your server storage and networking products, securely connected to HPE support. Learn more about getting connected at <u>http://www.hpe.com/services/getconnected</u>

#### **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.

#### **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 Hewlett Packard Enterprise experts, access support resources or collaborate with peers. Learn more <u>http://www.hpe.com/support/hpesc</u>

The HPE Support Center Mobile App<sup>\*</sup> allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalize 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

For More Information

To learn more on services for Hewlett Packard Enterprise Apollo please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Or visit: <u>http://www.hpe.com/services</u>

#### Warranty

This product is covered by a global limited warranty and supported by Hewlett Packard Enterprise Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners (may vary by region). Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty.

**Notes:** Server Warranty includes 3 year Parts, 3 year Labor, 3-year on-site support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:

http://www.hpe.com/support/ProLiantServers-warranties

#### Step 1: Choose a Chassis

HPE Apollo r2200 Gen10 12 LFF Configure-to-order Chassis

867156-B21



# Service and Support

HPE Apollo r2600 Gen10 24 SFF Premium Configure-to-order Chassis	867158-B21	
HPE Apollo r2800 Gen10 24 SFF Flexible Configure-to-order Chassis		
Choose a Backplane for r2800 chassis		
HPE r2800 Gen10 16SFF NVMe Backplane FIO Kit	874800-B21	
HPE r2800 Gen10 24SFF BP w/EXP FIO Kit	874797-B21	
Step 2: Choose cooling options		
HPE Cooling Options		
HPE Apollo 2000 Gen10 Server Node Blank Kit	874309-B21	
Notes: Required for any non-populated slots in the chassis to prevent thermal related issues		
HPE r2x00 Gen10 Redundant Fan Module Kit	874308-B21	
Notes: Must select quantity for fan modules: 0 fan kit; 1 fan kit for Fan redundancy		
HPE Rail Kits HPE 2U Shelf-Mount Adjustable Rail Kit	822731-B21	
HPE Strap t2500 Shipping Bracket	740713-B21	
<b>Notes:</b> Hewlett Packard Enterprise recommends that a minimum of two people are required for all rack installat refer to your installation instructions for proper tools and number of people to use for any installation.	ions. Please	
Step 4: Choose Base configuration		
Server Trays		
HPE ProLiant XL170r Gen10 1U Node Configure-to-order Server	867055-B21	
HPE ProLiant XL190r Gen10 2U Node Configure-to-order Server	867056-B21	
Notes: Up to 4 single half width server trays (XL170r Gen10) can be added to the HPE Apollo 2000 Chassis.		
Up to 2 half width 2 U height server trays (XL190 Gen10) can be added to the HPE Apollo 2000 chassis		

# **Core Options**

RCM Module	
HPE Apollo 2000 Rack Consolidation Module Kit	798211-B21
Notes:	
<ul> <li>This is an optional RCM (Rack Consolidation Management) module kit which allows iLO aggregation at the and also has the port for the HPE APM. The RCM Module consists of 2 iLO ports for redundancy. It can als chained to connect to a Top of the Rack (TOR) management switch.</li> <li>If using the RCM module iLO port connect to a network, the network must operate at a speed of 1Gb/s. On dedicated iLO management port could be ran at 10/100/1000 Gb network speed.</li> </ul>	o be daisy n-board
HPE Apollo 2000 Rack Consolidation Module 2.0-1.0 Adapter Kit	800063-B21
Notes: Refer to HPE APM QuickSpecs for more details at:	
https://www.hpe.com/us/en/product-catalog/detail/pip.hpe-advanced-power-manager.5202410.html	
Power Supply	
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830272-B21
HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
HPE 1800W-2200W Flex Slot Platinum Hot Plug Power Supply Kit	876935-B21
HPE r2x00 Gen10 Power Supply Unit Enablement Kit	880186-B21 880189-B21
HPE r2x00 Gen10 1800-2200W Redundant Power Supply Enablement Kit HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865428-B21
	803428-821
Security Hardware	047000 001
HPE Gen10 2U Bezel Kit	867809-B21
HPE Bezel Lock Kit	875519-B21
HPE Advanced Power Manager	7/1100 001
HPE Apollo Platform Manager Kit	741192-B21
<ul> <li>Notes:         <ul> <li>Each HPE APM can connect up to 10 chassis via consolidated chassis management cable.</li> <li>Refer to HPE APM QuickSpecs for further details at https://www.hpe.com/us/en/product-catalog/detail/pip.hpe-advanced-power-manager.5202410.</li> </ul> </li> </ul>	.html
Power Cords	
HPE SAFDGRID-SAFDGRID 277V 15Amp DC 2.0m Jumper Cord	J6X00A
HPE 48VDC 2.85m Power Cable	Q0H80A
<b>Notes:</b> Below Power cords are compatible with 1800W-2200W Power Supply kit (876935-B21)	
Power Cords – US	
HPE C15 - NEMA 6-20P 250V 15Amp Black 2.5m US Power Cord	Q7F42A
HPE C15 US 250V 10Amp 2.5m Black Jumper Cord	Q7F57A
HPE C15 US 250V 10Amp 0.76m Black Jumper Cord	Q7F59A
HPE C15 US 250V 10Amp 1m Black Jumper Cord	Q7F61A
Power Cords – CN	
HPE C15 CN 250V 10Amp 2.5m Black Power Cord	Q7F53A

# **Core Options**

## Power Cords – EU

HPE C15 EU 250V 10Amp 2.5m Black Power Cord	Q7F45A
HPE C15 EU 250V 10Amp 2.5m Black Jumper Cord	Q7F58A
HPE C15 EU 250V 10Amp 0.76m Black Jumper Cord	Q7F60A
HPE C15 EU 250V 10Amp 1m Black Jumper Cord	Q7F62A
Power Cords – UK	
HPE C15 UK 250V 10Amp 2.5m Black Power Cord	Q7F46A

# **Technical Specifications**

HPE Apollo r2200 Ge	en10 Chassis – 12 L	FF
Dimensions	Height	3.45 in (8.76 cm)
	Width	17.64 in (44.80 cm)
	Depth	34.62 in (87.93 cm)
Shipping Dimensions	Height	12.5 in (31.75 cm)
	Width	23.63 in (60.02 cm)
	Depth	39.38 in (100.01 cm)
Chassis Weight	Empty	28.88 lb (13.1 kg)
Max Enclosure Weight	Approximate	122.19 lb (46.70 kg)
Temperature Range	Operating	50° to 95° F (10° to 35° C)
	Non-Operating	-22° to 140° F (-30° to 60° C)
Relative Humidity	Operating	Minimum to be higher (more moisture) of -12°C (10.4°F) dew point or 8% relative humidity
	Non-Operating	5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb
		temperature, non-condensing.
Notes: Operating temper	ature has an altitude de	rating of 1.8° F (1° C) per 1,000 ft (304.8 m). No direct sunlight. Upper
operating limit is 10,000	ft (3,048 m) or 70Kpa/1	LO.1 psia. Upper non-operating limit is 30,000 ft (9,144 m) or 30.3 KPa/4.4
psia. Storage maximum h storage is 70 KPa.	umidity of 95% is based	on a maximum temperature of 113° F (45° C). Altitude maximum for
Acoustic Noise	Notes: Please see	QuickSpecs for Apollo 2000 Gen10 XL170r and XL190r servers

HPE Apollo r2600 Ge	en10 Chassis – 24 S	FF
Dimensions	Height	3.45 in (8.76 cm)
	Width	17.64 in (44.80 cm)
	Depth	33.02 in (83.87 cm)
Shipping Dimensions	Height	12.5 in (31.75 cm)
	Width	23.63 in (60.02 cm)
	Depth	37.76 in (95.9 cm)
Chassis Weight	Empty	28.00 lb (12.7 kg)
Max Enclosure Weight	Approximate	103.27 lb (46.84 kg)
Temperature Range	Operating	50° to 95° F (10° to 35° C)
	Non-Operating	-22° to 140° F (-30° to 60° C)
Relative Humidity	Operating	Minimum to be higher (more moisture) of -12°C (10.4°F) dew point or 8% relative humidity
	Non-Operating	5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature, non-condensing.
operating limit is 10,000 f	ft (3,048 m) or 70Kpa/1	rating of 1.8° F (1° C) per 1,000 ft (304.8 m). No direct sunlight. Upper .0.1 psia. Upper non-operating limit is 30,000 ft (9,144 m) or 30.3 KPa/4.4 on a maximum temperature of 113° F (45° C). Altitude maximum for
Acoustic Noise	Notes: Please see (	QuickSpecs for Apollo 2000 Gen10 XL170r and XL190r servers

## **Technical Specifications**

HPE Apollo r2800 G		
Dimensions	Height	3.45 in (8.76 cm)
	Width	17.64 in (44.80 cm)
	Depth	33.02 in (83.87 cm)
Shipping Dimensions	Height	12.5 in (31.75 cm)
	Width	23.63 in (60.02 cm)
	Depth	37.76 in (95.9 cm)
Chassis Weight	Empty	28.00 lb (12.7 kg)
Max Enclosure Weight	Approximate	102.96 lb (46.70kg)
Temperature Range	Operating	50° to 95° F (10° to 35° C)
_	Non-Operating	-22° to 140° F (-30° to 60° C)
Relative Humidity	Operating	Minimum to be higher (more moisture) of $-12^{\circ}C$ (10.4°F) dew point or 8% relative humidity
	Non-Operating	5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature, non-condensing.
		rating of 1.8° F (1° C) per 1,000 ft (304.8 m). No direct sunlight. Upper .0.1 psia. Upper non-operating limit is 30,000 ft (9,144 m) or 30.3 KPa/4.4
psia. Storage maximum h storage is 70 KPa.	umidity of 95% is based	on a maximum temperature of 113° F (45° C). Altitude maximum for
Acoustic Noise	Notes: Please see (	QuickSpecs for Apollo 2000 Gen10 XL170r and XL190r servers

## Environmental-friendly Products and Approach – End-of-life Management and Recycling

Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the <u>Hewlett Packard Enterprise web</u> <u>site:</u>

These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

# Summary of Changes

Date	Version History	Action	Description of Change
15-Nov-2021	Version 10	Changed	Service and Support section was updated.
08-Sep-2020	Version 9	Changed	Overview section was updated
			Obsolete SKUs were removed
07-Oct-2019	Version 8	Changed	Configuration Information section was updated
02-Apr-2019	Version 7	Changed	Overview and Core Options sections were updated
			Obsolete SKUs were removed
01-Oct-2018	Version 6	Changed	SKUs descriptions in the Configuration Information and Core Options were updated
13-Aug-2018	Version 5	Changed	Overview and SKUs descriptions in the Configuration Information and Core Options were updated.
04-Jun-2018	Version 4	Changed	Update SKUs in the Core Options section
02 <b>-</b> Apr-2018	Version 3	Updated	Update Overview, Configuration Information and Core Options sections
09-Oct-2017	Version 2	Updated	Update SKUs in the Configuration Information section
25-Sep-2017	Version 1	New	New QuickSpecs.

## Copyright

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