



HPE BLADESYSTEM C3000 ENCLOSURES

Enclosures



OVERVIEW

The HPE BladeSystem c3000 Platinum Enclosure brings unique capabilities to HPE BladeSystem.

The c3000 is ideal for:

- 1) Small offices or remote sites that have limited to no IT staff.
- 2) Applications requiring up to eight servers per enclosure.
- 3) Locations that have limited rack power and cooling capacity.
- 4) Data centers requiring power connections to an uninterruptible power supply (UPS) or 100-120V AC wall outlets.

Similar to the c7000 enclosure, the Intelligent Management through the Onboard Administrator gives you complete

control of your c3000 bladed infrastructure. Each c3000 enclosure repackages the moving parts of your infrastructure cables, power supplies and fans, networking, and redundancy. The economical HPE c3000 solution includes useful features that save you time, hassles, and energy, while making change quick and easy.

The result— greater convenience during setup, maintenance, and daily operations.

FEATURES

Simple to Manage, Easy to Control

The HPE BladeSystem c3000 Platinum Enclosure goes beyond just servers. It integrates server, storage (NAS or iSCSI), networking, power/cooling, and management into a single solution that can be deployed anywhere.

The intelligent infrastructure support including Power Discovery Services allow the enclosure to communicate information to HPE Intelligent PDUs (iPDU) to automatically track enclosure power connections to the specific iPDU outlet to ensure redundancy and prevent downtime.

With the Onboard Administrator, iLO remote management, and HPE Insight Control you can manage your servers and take complete control regardless of the state of the server operating system.

Easy setup and management using tools you're used to, such as a local DVD drive for SmartStart software deployment, and a local KVM interface for local rack-based KVM integration.

Change Ready IT That Can Grow and Flex with your needs

Pre-wired and pre-configured, the c3000 Platinum Enclosure can easily implement a new server blade, simply as just plugging it in.

Support for G1 to Gen9 server blades provides investment protection throughout the life span of the enclosure.

HPE Insight Control offers essential infrastructure management that unlocks the management capabilities built into HPE ProLiant servers. Insight Control delivers powerful capabilities that enable one to proactively manage ProLiant server health either physical or virtual.

Virtual Connect architecture delivers wire once, and then add, replace, or recover blades on the fly without impacting networks and storage or creating extra steps.

Reduce Up-front Capital and Ongoing Management Costs

Costs less than equivalent rack-mounted servers (at 3 servers or more)

Use up to 94% less cables and 40% less space when compared to equivalent 1U rack mount servers

Deploy anywhere with a choice of UPSs, PDUs and 100-120V AC low-line wall outlet power, as well as a options for 200-240V AC high-line and -48V DC power.

HPE Thermal Logic technologies combine energy-reduction technologies- such



as 80 PLUS certified, 94% efficient HPE Platinum Power Supplies- with pinpoint measurement and control through Dynamic Power Capping, to save energy and allocate power and cooling resources more efficiently.

c3000 and c7000 enclosure compatibility with many of the same critical components such as servers, interconnects, mezzanine cards, and storage blades.

Technical specifications

HPE BladeSystem c3000 Enclosures

System fan features	Hot plug redundant standard.
Form factor	6U
BladeSystem supported	Yes, please reference the QuickSpecs for details
Management features	Redundant Onboard Administrator - LAN and serial access optional HPE Insight Control.
Power availability	Hot plug, N+1 and N+N redundancy. Please reference the QuickSpecs for various power options and requirements.



For additional technical information, available models and options, please reference [the QuickSpecs](#)

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[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 Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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 quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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