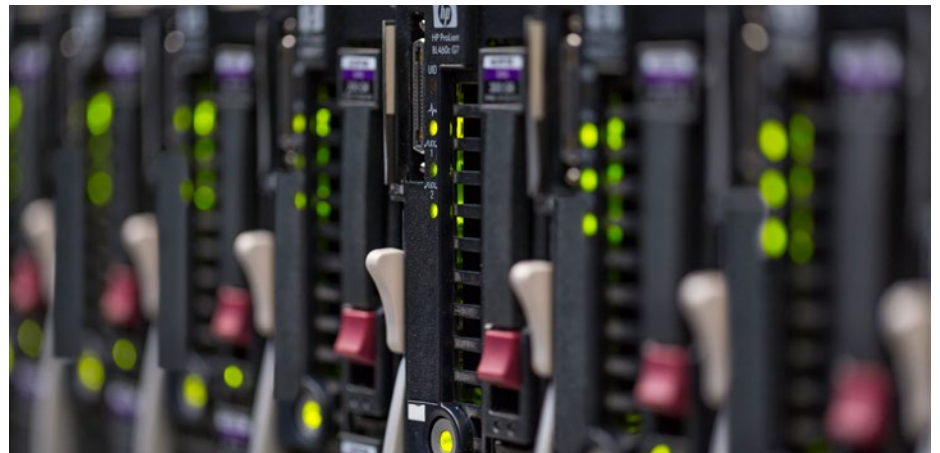




Factory Integration Services for HPC

Single Rack Cluster Hardware Integration service



Hewlett Packard Enterprise Single Rack Cluster Hardware Integration service provides factory integration, hardware configuration and testing of a single rack HPC cluster, tailored to your specific requirements, as well as onsite installation of the pre-integrated solution.

Utilize this service if you want HPE to perform all the customisation and deployment activities required to bring your single rack solution up to a software-ready state, from factory configuration to onsite setup and power-on. The first time you touch your cluster it will be sitting in your datacenter, powered up, ready for software installation*.

* HPE offers other Factory Integration Services that will pre-install operating system and software applications, within the HPE Factory, prior to shipment of the HPC cluster to customer site.



Service Benefits:

- easy to order service, having a single part number, HC790A-001
- delivers to you a pre-integrated, pre-tested single rack HPC cluster solution, built to your specifications in accordance with ISO 9001:2000 quality standards
- comes with skilled onsite deployment assistance

Service Highlights:

For a single rack cluster:

- Service Planning (gathering of integration specification and planning of on-site installation)
- HPE Best Practice™ custom slotting of system components within server, storage and networking products.
- Customer specified or “HPE Best Practice” placement of servers, storage and networking products within the rack.
- Customer specified or “HPE Best Practice” firmware settings on all servers in the rack.
- “HPE Best Practice” power cabling within the rack.
- Customer specified interconnection cabling (ethernet and fibre channel) within the rack.
- Cable labeling for all power & KVM cables (HPE Best practice) and interconnection cables (customer specified)
- Comprehensive Solution testing / HPC stress tests
- System Documentation
- Onsite final installation (physical installation, power-up and hardware check)

Service limitations:

Because this is a fixed-price service, the following limitations apply:

- Service to be used only for single-rack HPC clusters.
- The service must be ordered together with the hardware to be integrated. It can be used only with products that are listed on the HPE price list.
- The service does not cover the supply of any product, accessory or cable. All products required for the integration must be ordered together with the service. A verification that all required materials are included in the order will be performed during the service planning. In the event any missing product is detected, this will be fed back to customer, and will require either the purchase order to be amended, or the factory-integration services to be limited to the available products.
- The service does not include any cluster architecture consultancy. It assumes that the cluster architecture and the fit-for-purpose of the selected products have been validated prior to ordering. The technical consultancy activity included in the service is limited to the gathering of the integration expectations and to the verification of their feasibility. The technical consultancy activity is not a validation that the cluster design is suited for customer’s performance expectations and applicative needs.



- The service does not include the software load and configuration of the HPC cluster *
- This service does not include configuration of third-party hardware products not currently offered by HPE
- This service assumes that the network to which the solution will be connected is TCP/IP over Ethernet, HyperFabric, Token Ring, or FDDI
- Electronic documentation is to be submitted to HPE in Microsoft® Office formats only
- The service is delivered at a time mutually agreed upon between HPE and the customer, which shall be during local HPE standard business hours, excluding HPE holidays, unless otherwise agreed to by HPE. Any services provided outside of HPE standard business hours may be subject to additional charges
- The service does not include re-racking or reconfiguration of any work that has been performed in the factory. Any services provided to reconfigure any hardware or software that has been preconfigured in the factory may be subject to additional charges
- If technical specifications and configuration information are not provided in a timely manner, integration, shipment, and delivery of the customer's solution will be delayed
- The customer must provide to HPE accurate technical specifications and/or configuration information, because the delivery and benefits of this service depend upon the quality of the customer's own information. The customer's obligation to provide accurate technical specifications and/or configuration information is a material condition to HPE performing the service
- Failure to communicate to HPE the existence of a problem with the solution integration within five (5) business days of solution delivery and sign-off will imply the customer's acceptance of the integrated solution
- Loading of data or modification of the solution in any way prior to solution acceptance constitutes acceptance of the solution by the customer
- This service is not available for HPE Integrity Superdome 2 Servers
- This service does not include the configuration of disk arrays with controllers. Such configuration is available as a separate Factory Integration Service: customer-Designed Solution Integration

Prerequisites:

If HPE is to integrate a third-party product as part of this service, the third-party product needs to be set up before order entry

Ordering information

Order HC790A-001 (HPE FE HPC Cluster Single Rack SVC) once per rack

For more information

To discuss the next steps simply call your local Factory Integration sales specialist

Visit hpe.com/eu/fis

Customer responsibilities:

The customer will:

Designate a person from the customer's staff as a technical contact who, on behalf of the customer, will grant all approvals, provide information, and otherwise be available to assist Hewlett Packard Enterprise in facilitating the delivery of this service; the name and phone number of this person should be referenced on the order that is sent to HPE

Ensure that the technical contact provides technical integration and configuration details to HPE when placing the order; depending on the scope of customization, this integration package may include architecture design along with Visio drawings of the customized hardware layout

Ensure that site preparation (e.g. power and cooling) has been completed at the location where the hardware will be installed

Ensure that the access path can accommodate rack height and clearance requirements for delivery, in the case of a racked solution

Provide the contract number of the contract to which the new solution components need to be added to enable HPE to activate support

Provide a suitable work area for delivery of the service, including access to an outside telephone line, power, and any network connections required

General provisions/Other exclusions:

Hewlett Packard Enterprise reserves the right to charge, on a time and materials basis, for any additional work over and above this service package pricing that may result from work required to address service prerequisites or other requirements not met by the customer

The ability of HPE to deliver this service is dependent upon the customer's full and timely cooperation with HPE, as well as the accuracy and completeness of any information and data the customer may provide to HPE

Once the order has been submitted by the customer and accepted by HPE, no cancellation by the customer is permitted

Only supported and prequalified configurations of HPE products will be rack-integrated as part of this service

Travel charges may apply in some geographic locations. Please contact a local HPE representative for details



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