QUICKSPECS

Compaq Rack
9000 Series

MODELS

9142 (42U) Rack Cabinet - Pallet
120663-B21

9142 (42U) Rack Cabinet - Shock Pallet
120663-B22

9142 (42U) Rack Cabinet - Crated
120663-B23

9136 (36U) Rack Cabinet - Pallet
120664-B21

9136 (36U) Rack Cabinet - Shock Pallet
120664-B22

9136 (36U) Rack Cabinet - Crated
120664-B23

9122 (22U) Rack Cabinet - Pallet
120665-B21

9122 (22U) Rack Cabinet - Shock Pallet
120665-B22

9122 (22U) Rack Cabinet - Crated
120665-B23

Product Description - 9142, 9136, 9122 models

Compaq sets the standard for performance and value in the enterprise with the Compaq Rack 9000 Series family of rack cabinets and rack options. This enterprise-class rack cabinet system combines next-generation structural integrity and ease of use capabilities to deliver industry-leading performance.

As the only 42U rack cabinet on the market that is under two meters high, the Compaq 9142 Rack Cabinet sets the standard by which all other rack cabinets will be measured. Ideal for rack mounting Compaq servers, workstations, networking and StorageWorks products, all three rack cabinets that comprise the Compaq Rack 9000 Series ensure outstanding performance and seamless integration throughout the entire enterprise.

The Compaq Rack System

All Compaq rack-mountable products are designed to fit our industry-standard 19-inch wide racks. Compaq offers several racks to meet your system needs.

Racks and rack-mountable components are typically described using "U" measurements. One "U" is 1.75 inches (44.45 mm) high.

This sturdy, industrial-strength rack series offers the following features:
- Models—Rack 9122 (22U), Rack 9136 (36U), and Rack 9142 (42U)
- Design—Perforated front door, solid side panels, and perforated back door

Key Features

- Unique frame and rail design
- Thermal integrity
- Security provisions
- Flexibility
- Custom expandability
- Powerful Warranty

KEY BENEFITS

The Compaq Rack 9000 Series offers protection, price and performance and quality. The following are a few of the many benefits that come standard:

- **Unique Frame and Rail Design** – enables fast assembly, easy mounting and outstanding structural integrity. Equipment installation is dramatically reduced because the vertical mounting system was specifically designed to minimize the time required to install Compaq products and can be used with many other non-Compaq products as well.
- **Thermal Integrity** – Front to back natural convection cooling is greatly enhanced by the innovative multi-angled design of the front door. For additional heat removal, an optional roof mounted fan kit can be easily installed.
- **Security Provisions** – Front and rear door are lockable, which provides the necessary level of security to prevent unauthorized entry.
- **Flexibility** – The front and rear door design allows the doors to be mounted for left or right access to support strategic or personal preference. Outstanding cable management features make it easy to develop effective and easy to maintain configurations.

Regardless of how you look at it, the Compaq Rack 9000 Series of rack cabinets provide everything customers need in a rack cabinet. From simplified management, low total cost of ownership, investment protection, industry-standard support and industry-leading breakthroughs, the 9000 series has it all.

Low Total Cost of Ownership

- **Exclusive** product options and accessories that optimize rack space utilization
- 2U Flat panel rackmount monitor
- Sidewall mounting kits for options
- Cost saving Server Console Switches (KVM) with multiple mounting options
- 1U ergonomic Keyboard drawer
- Highest levels of system management, performance, construction and compatibility

KEY BENEFITS *(continued)*

Investment Protection

- Investment security across all mainstream Compaq server and storage products
- Well designed and crafted options provide unlimited flexibility in growing or adapting the 9000 series of rack cabinets to specific requirements and custom needs.
- Advanced product integration and quality provides high system reliability.

Industry Standard Support

- All products are 19″ RETMA standard and will support most third party equipment.
- Extensive evaluation, and testing across all critical platforms

Innovative Breakthroughs

- The only 42U rack cabinet on the market that is under two meters high! Now total configurations can be developed for a 42U rack and meet most door height requirements.
- Price per value of rack functions is better than what any other IT company can offer.
- The only company to provide a very robust line of options and accessories that are designed to support Compaq products.

Compaq's reputation for providing the highest quality products throughout the entire enterprise is based on our strategic partnerships, extensive product research, product development and product testing processes.

COMPAQ RACK 9000 SERIES BENEFITS
(UNIVERSAL RACK CABINET)

Simplified Management

- Unique frame and rail design minimizes time necessary to install products in rack cabinet.
- Product selection
  - 42U @ 2.0 M
  - 36U @ 1.7 M
  - 22U @ 1.1 M
- All mainstream Compaq server and storage products are easily managed with our seamless enterprise integration process

Low Total Cost of Ownership

- **Exclusive** product options and accessories that optimize rack space utilization
- 2U Flat panel rackmount monitor
- Sidewall mounting kits for options
- Cost saving Server Console Switches (KVM) with multiple mounting options
- 1U ergonomic Keyboard drawer
- Highest levels of system management, performance, construction and compatibility

Investment Protection

- **Exclusive** three-year, onsite warranty
  (Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.)
- Investment security across all mainstream Compaq server and storage products
- Well-designed and crafted options provide unlimited flexibility in growing or adapting the 9000 series of rack cabinets to specific requirements and custom needs.
- Extensive evaluation and testing

Industry Standard Support

- All products are 19″ RETMA standard and will support most third-party equipment.
- Advanced product integration and quality

COMPAQ RACK 9000 SERIES BENEFITS
(UNIVERSAL RACK CABINET) *(continued)*

Industry-leading Breakthroughs

- Exclusive 42U in a two-meter rack cabinet height for easy door clearance
- Price per value of rack functions are the best in the industry.
- The only company to provide a very robust line of options and accessories that are designed to support Compaq products

Service & Support, CarePAQ and Warranty Information

Software Product Services
- Standalone telephone support
- Rights to new license version
- Media and documentation updates

Hardware Product Services
- Installation services
- On-site maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage
- RAID setup and performance consulting via statement of work

For additional hardware installation and maintenance information, please refer to the URLs listed below:
http://www.compaq.com/services/hardware/hw_installation.html
http://www.compaq.com/services/hardware/hw_maintenance.html.

Warranty Upgrade Options
- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 9 hours x 5 days to 24 hours x 7 days
- Duration - Select duration of coverage for a period of 1, 3, or 5 years

CarePAQ Information
Sample part numbers:
- FM-**XHW-36, 3 year, uplift to 5 x 9, Next Day Response
- FM-**4HR-36, 3 year, uplift to 5 x 9, 4-hour Response
- FM-**724-36,   3 year, uplift to 7 x 24, 4-hour Response
** represents a two digit product specific code

- CarePAQ is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.
- CarePAQ is not available for less than the product's warranty duration.
- CarePAQ is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end user customer). Proof of purchase may be required.
- CarePAQ services are prepaid.

For additional CarePAQ (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:
http://www.compaq.com/services/carepaq/index.html

Components
The following brick level options/components do not have individual CarePAQs. These items will be included in product CarePAQs into which they are installed.

Disk Drives	Tape Drives	CD/DVD ROM	SCSI Hubs in SBBs	Adapters
Bus Converters	Backplane RAID Controllers	Power Supplies	Cabling	Fans

CUSTOM EXPANDABILITY

Several options allow for quick and easy expansion of the Compaq Rack 9000 Series racks to create a custom solution.

Baying/Coupling Kit (supports 24″ and 600 mm   120669-B21
floor tile spacing)

The baying kit is used to join two or more racks together in minutes to create a multi-bay configuration.

Rack 9142 Side Panel   120670-B21

Side panels for 9142 (42U) bare racks

Rack 9136 Side Panel   120671-B21

Side panels for 9136 (36U) bare racks

Ballast Option Kit   120672-B21

Ballast is designed to provide additional stability and support when used with the Stabilizer Kit. It is typically used when very heavy equipment is routinely installed, removed or accessed within the rack.

Stabilizer Option Kit   120673-B21

An anti-tip stabilizer provides stability and support when equipment is installed, removed or accessed within the rack.

Rack Rail Adapter Kit (25″ depth)   120675-B21

Adapters for mounting equipment at the 25″ depth level within the rack cabinet (traditional equipment depth is 29″ for ProLiant and 25″ for AlphaServers).

Fan (110VAC) **Roof Mount**   120677-B21

Roof-mounted extractor fan kit enhances natural convection cooling by increasing the airflow in the rack.

Fan (220VAC) **Roof Mount**   120678-B21

Roof-mounted extractor fan kit enhances natural convection cooling by increasing the airflow in the rack.

9142 Extension Kit   120679-B21

Door extension kit that provides additional (3.5″) space for cable management or for extended equipment in the 42U, 9000 series rack.

Grounding Rack Option Kit   120682-B21

The grounding kit makes it possible to completely integrate grounding in Compaq racks.

Cable Management "D" Rings Kit   168233-B21

This kit consists of 10 "D" rings that can be used in addition to the three rings that ship standard in the 9000 series rack for cable management.

Blanking Panels	189453-B21 1U
Each Blanking Panels kit contains 10 panels.	189453-B22 2U
	189453-B23 3U
	189453-B24 4U
	189453-B25 5U
Kit includes four panels in 1U, 2U, 4U and 8U.	169940-B21

This is only a sampling of the many Compaq Rack options available. See the Compaq rack products website for more complete information at www.Compaq.com/racks.

Contact your nearest Compaq Authorized Reseller or Service Provider for information about ordering Compaq parts.

Note: Customers interested in AlphaServer ES/DS systems in the Compaq Rack 9000 Series, for factory-direct or on-site configuration, should consult Compaq's CustomSystems group.

In the United States, Compaq can make arrangements to have your rack system installed by qualified Guaranteed Service Providers. This installation service covers the entire hardware installation sequence, from unpacking the components to routing cabling and running a test of the system

An order form with pricing is available via PaqFax, Compaq's fax retrieval service. Dial 1-800-345-1518, select PaqFax, and request Document No. 4552. Installation can also be provided directly by Authorized Compaq Service Providers.

QUICKSPECS

SPECIFICATIONS

42U Rack Physical Characteristics

Dimensions (HxDxW)	
Total Cabinet Area	78.7 x 35.8 x 23.7 in/2,000 x 909 x 603 mm
Shipping (with packaging materials)	83.38 x 48 x 32 in/2,168.65 x 1,219.2 x 812.8 mm
Weight	
Operating	253 lbs/114.84 kg
Shipping	325 lbs/147.52 kg
Color	Opal

36U Rack Physical Characteristics

Dimensions (HxDxW)	
Total Cabinet Area	68.6 x 35.8 x 23.7 in/1,742 x 909 x 603 mm
Shipping (with packaging materials)	75.25 x 48 x 32 in/1,911.35 x 1,219.2 x 812.8 mm
Weight	
Operating	165 lbs/75 kg
Shipping	234 lbs/106 kg
Color	Opal

22U Rack Physical Characteristics

Dimensions (HxDxW)	
Total Cabinet Area	43 x 35.8 x 24 in/1,092 x 909 x 610 mm
Shipping (with packaging materials)	52.25 x 48 x 32 in/1,327.15 x 1,219.2 x 812.8 mm
Weight	
Operating	176 lbs/79.89 kg
Shipping	225 lbs/102.13 kg
Color	Opal