

### Overview

## HP H9A40/H9A45 Cabinets

### Models

For AlphaServer ES47/ES80/GS1280 Systems:

**H9A45 (41U) Expander Cabinet, Carbon Black** - with Operator Control Panel (OCP), no sidewalls - includes 200mm cabinet extender

For use with AlphaServer GS1280 systems

3X-H9A45-ZA

**H9A45 (41U) Cabinet, Carbon Black** - without OCP, with sidewalls - includes 200mm cabinet extender

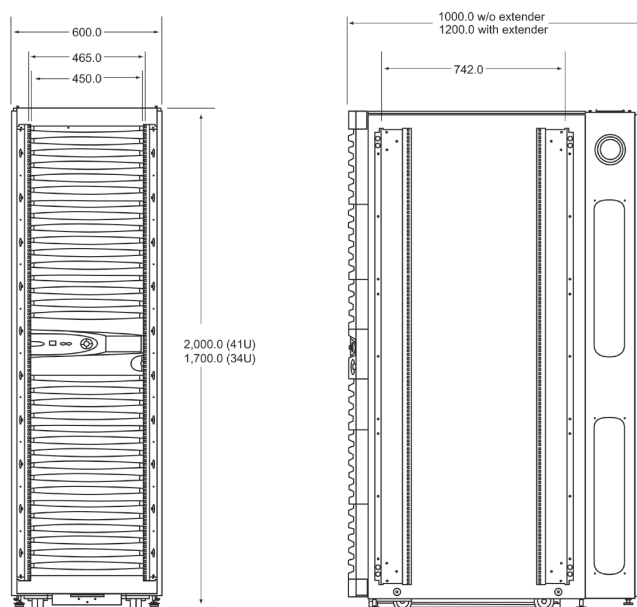
For use with AlphaServer ES47 and AlphaServer ES80 systems

3X-H9A45-ZD

**H9A40 (34U) Cabinet, Carbon Black** - without OCP, with sidewalls - includes 200mm cabinet extender

For use with AlphaServer ES47 and AlphaServer ES80 systems

3X-H9A40-ZA



H9A40/H9A45 Cabinets

### Introduction

HP sets the standard for performance and value in the enterprise with the H9A40/H9A45 Cabinets. These enterprise-class cabinets combine next-generation structural integrity and ease of use capabilities to deliver industry-leading performance. Large cable egresses have been built into the cabinet roof to allow for cabling out the top of the rack. Ideal for rackmounting EV7- based AlphaServer and AlphaStation systems, the H9A40/H9A45 Cabinets ensure outstanding performance and seamless integration throughout the entire enterprise.

The H9A40/H9A45 Cabinets are designed for the AlphaServer ES47/ES80/GS1280 product family. Each cabinet feature has been tested to ensure delivery of optimum flexibility and functionality. Cabinets and their rackmountable components are typically described using "U" measurements- one "U" is 1.75 inches (44.45 mm) high.

### Overview

### Key Features

- Heavy-gauge, riveted/welded steel frame
- Shippable fully configured
- Fits under doors in commercial buildings
- Rolls easily on heavy duty casters - even fully configured
- Swivel casters on all four corners (allow multiple cabinets to be moved)
- Lock on front and rear doors
- Easily removable sidewalls for multi-cabinet solutions
- EIA standard 19-inch rails
- No joiner kit required (integral baying with zero space)
- Loading capacity up to 1600 lbs (725.75 kg)

### Key Benefits

The H9A40/H9A45 Cabinets offer protection, price, performance, and quality. Some of the many standard benefits follow:

- Unique frame and rail design - enables fast assembly, easy mounting, and outstanding structural integrity. Equipment installation effort is dramatically reduced because the vertical mounting system was specifically designed to minimize the time required to install HP products. U markings on the front and sides rails make it easy to align parts when installing equipment. Cutouts in the rails also allow for cabling between racks.
- Thermal Integrity - front to back natural convection cooling is greatly enhanced by the innovative multi-angled design of the front door.
- Security Provisions - front and rear doors are lockable, providing the necessary level of security to prevent unauthorized entry.
- Flexibility - outstanding cable management features make it easy to develop effective solutions and easy to maintain. Cable egresses in the top of the rack allow ample room for routing cables outside of the rack. The rear door provides ample access to rackmounted equipment without blocking rack rows, while the removable panel provides added flexibility for cable routing. Velcro straps are included in the hardware bag for clean cable bundling within the rack.
- Loading Capacity - HP increased the maximum loading capacity up to 1600 lbs. allowing the rack to be shipped fully loaded with equipment (cabinet ships on a shock pallet).

**Industry Standard Support** All products are 19-inch RETMA standard and support selected third-party equipment.

**Innovative Breakthroughs** The 2-meter form factor of the 41U Cabinet allows cabinets to be moved upright through most standard doorways for easy door clearance. This is an important feature when cabinets are shipped fully loaded with equipment. HP is the only IT cabinet provider to offer a very robust line of options and accessories that are designed to support HP products.

**Simplified Management** Unique frame and rail design minimizes time necessary to install products in cabinet.  
Product selection:  
41U @ 2.0 M  
34U @ 1.7 M

### Overview

#### Hardware Product Services

##### Installation services

- Onsite 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, refer to the URLs listed below:

<http://www.HP.com/services/carepaq/us/install/>

<http://www.HP.com/services/carepaq/us/hardware/>

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##### Warranty Upgrade

##### Options

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

Two or more H9A40/H9A45 Cabinets may be joined together in minutes without the use of a baying kit to create a multi-bay configuration.

Stabilizer: Standard on H9A45-ZA

### Specifications

	42U Cabinet	34U Cabinet
<b>Dimensions</b> (H x D x W)	78.7 x 47.24 x 23.62 in (2,000 x 1,200 x 600mm)	66.9 x 47.24 x 23.62 in (1,700 x 1,200 x 600mm)
<b>Weight</b>	410 lbs (186.4 kg)	342 lbs (155.5 kg)
<b>Rail spacing</b>	29 in (736.6mm) front to back	29 in (736.6mm) front to back
<b>Service clearance</b> (back and front)	31.5 in (800mm)	31.5 in (800mm)
<b>Shipping</b> (with packaging materials)	86.22 x 48 x 32 in (2,190x 1,219 x 813 mm)	74.7 x 48 x 32 in (1,897 x 1,219 x 813 mm)
<b>Shipping Weight</b>	570 lbs (259.1)	466 lbs (211.8 kg)
<b>Color</b>	Carbon	

### Options

<b>Power Distribution Units</b>	PDU 30A 5 x 10AWG NEMA L21-30P, 3 x C19, 24 x C13, North America/Japan	3X-H7606-AA
	PDU 30A 5 x 4mm IEC-309, 3 x C19, 24 x C13, Europe	3X-H7606-AB

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