

**ALPHASERVER DS10L
SINGLE BRACKET
RACKMOUNT INSTALLATION**

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WARNING: To prevent injury, access is limited to persons who have appropriate technical training and experience. Such persons are expected to understand the hazards of working within this equipment and take measures to minimize danger to themselves or others.

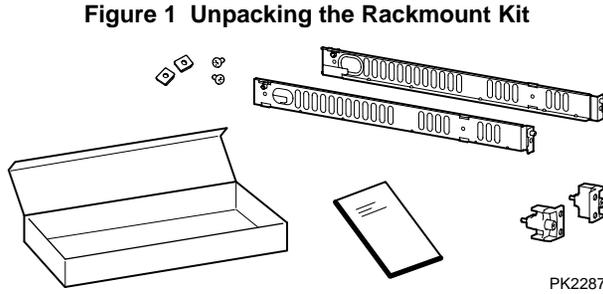
Rackmount Guidelines

- If you are installing four DS10L systems, see the *AlphaServer DS10L Quad-Bracket Rackmount Installation* (EK-DS10L-QM).
- A maximum of eight DS10L systems may be installed for each rackmount power distribution unit.

	H9A11	H9A10	H9A15
Number of DS10L systems	20	32	40
PDU and fan units needed	3	4	5

Unpack Rackmount Kit

The rackmount kit contains these instructions, two brackets, U-clips and screws, two sets of threaded guide pins (one set attached to the brackets and one spare set), and two rackmount ears for securing the system in the rack. (see Figure 1).



Determine Base Zero

Decide the relative position of the system in the rack. Base zero is where the bottom of the system will be when installed in the rack.

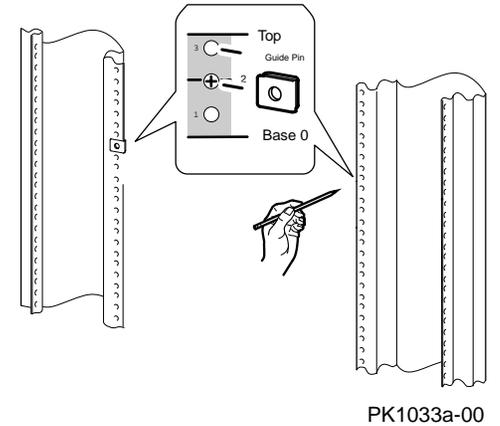
If your system is the first system in the rack, then base zero is between the first and second hole up from the floor of the rackmount cabinet.

If you are adding your system to a rack already populated, then base zero is the top of the system underneath the DS10L you are installing. Each DS10L system height requires 1U (1.75 inches).

Mark and Prepare the Rails

- Using the template on the back of this card (Figure 6), on both front rails and the rear interior rails, mark base zero and hole 2 (see Figure 2).
- **If you are installing more than one AlphaServer DS10L in the rack at the same time:** using the template, mark the top of the first system you are installing. Use this as base zero for the second system, move the template up aligning with base zero, mark hole 2 and the top of this system, until you have marked holes for each system you are installing.
- Insert a U-clip at each rear interior hole you have marked.

Figure 2 Marking Inner Rails



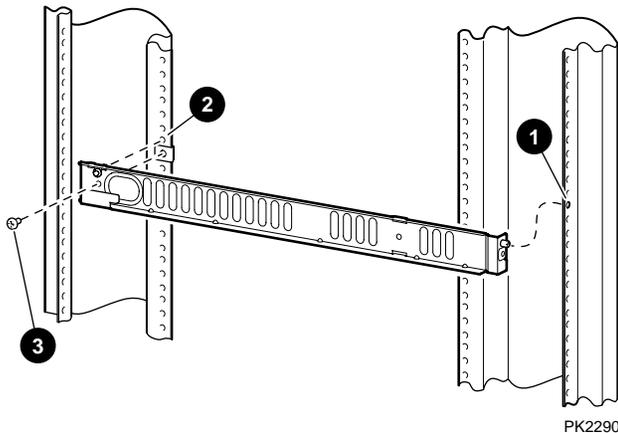
Install the Brackets

There are two threaded guide pins on the brackets: one on the front of each bracket (which fits into the third hole above base zero), and one on each rear side (also the third hole above base zero, and right above the U-clips just installed).

If the holes in your rackmount cabinet require smaller guide pins, a second set of smaller pins has been included in the kit. Replace the pins if necessary.

- Insert the front guide pin into the third hole above base zero. See Figure 3, ❶. Push the rail in.
- Insert the rear guide pin into the rear interior rail in the hole right above the U-clip, aligning the screw hole to the U-clip you installed on the interior rear rail. Push the rail in toward the side of the rackmount cabinet (see ❷).
- Secure with one screw on each rear interior rail, at the U-clips. See ❸.

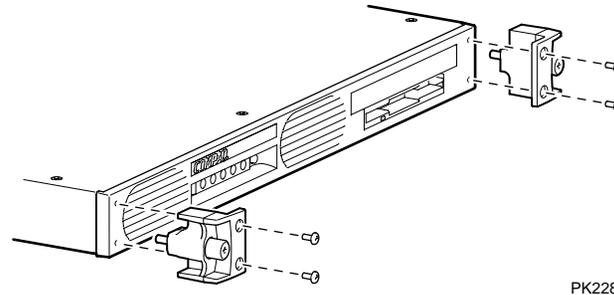
Figure 3 Installing the Brackets



Attach the Rackmount Ears

- Align the two vertical holes located on the front edge of the system with the two holes on the rackmount ears (see Figure 4).
- Using a Phillips screwdriver, screw the ears onto the system, finger tight. Do not apply excessive force.

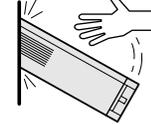
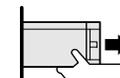
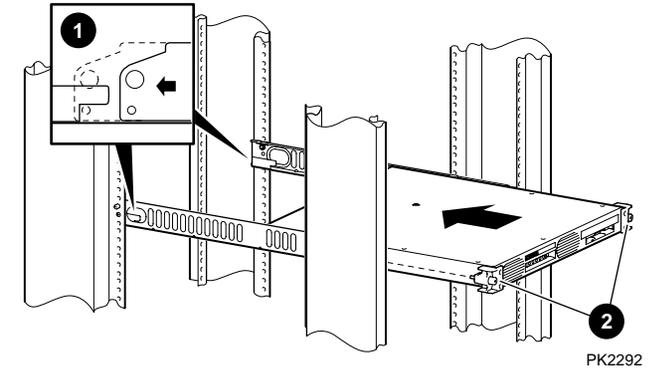
Figure 4 Attaching the Rackmount Ears



Insert and Secure the System

- Using both hands, place the system onto the brackets and push it back into the cabinet (see Figure 5).
- Push the system back in to the rack. The brackets will stop the system when the hinges contact the latch ❶.
- Secure the system by tightening the captive screws on the rackmount ears into the front rails ❷.

Figure 5 Inserting the System



Caution: During removal, system box not tethered.

Attention: Pendant le déplacement, le boîtier système n'est pas fixé.

Precaución: Durante el traslado, no debe atarse la caja del sistema.

Achtung: Beim Entfernen ist das Systemgehäuse nicht gesichert.

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Check Power and Secure Cables

- Connect the power cord.
- Route the power cord to the designated power distribution unit. If installing more than one system, cable power cords together as appropriate.
- Continue cabling (see AlphaServer DS10L Quick Setup poster, shipped with your system, and also on your User CD-ROM). When all cabling is complete, connect power cord to the power controller unit.

For More Information

Using a Web browser, you can access additional documentation at

http://www.digital.com/alphaserver/ds10/ds10L_tech.html/

Information on the AlphaServer line can be found at

<http://www.compaq.com/alphaserver/>

On the user CD that ships with each system, see also:

- *Power Distribution Unit Configuration and Installation* card (EK-DS10L-PD)
- *AlphaServer DS10L Quad-Bracket Rackmount Installation* (EK-DS10L-QM)
- *AlphaServer DS10L Illustrated Parts Breakdown* (EK-DS10L-IP)

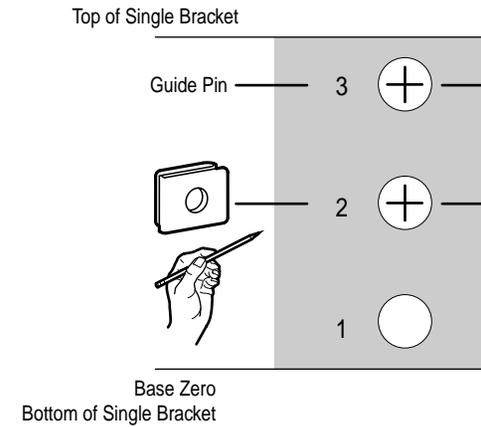


Figure 6 Template