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Read the *Ultracore BCS User Guide* before starting work or operating equipment.

Installing in a Rack Frame

This section describes how to install a Ross Video Server 1RU chassis into a rack using one of the 4-Post Mount, 2-Post Center Mount, or 2-Post Flush Mount instructions described on the outer side of the provided rack rails or the printed instructions included in the rack rail kit.

Package Contents

- 1 x Ross Video Server 1RU chassis
- 2 x rails
- 2 x rail members

Required Tools

#1x4 Phillips head screwdriver (for 2-Post Center Mount and 2-Post Flush Mount)

A Installing the Rail Member on the Chassis

The following procedure explains how to install the rail members on the side of the Ross Video Server 1RU chassis.

- To install the rail members on the chassis
- Align the holes on the rail member with the nubs on the chassis.
 - Slide the rail member towards the back of the chassis to fasten it to the nubs.
 - Repeat steps 1 and 2 for the other rail member on the other side of the chassis.



B Installing the Rails in a Rack

To install the rails for 4-Post Mount, 2-Post Center Mount, or 2-Post Flush Mount, refer to one of the following:

- the Rack Installation Instructions booklet provided with the rail kit.
- the instructions on the outer side of the rails:



C Mounting the Chassis to the Rack

This procedure explains how to insert the Ross Video Server 1RU chassis into a rack.

CAUTION — It is recommended that at least two people mount the chassis to the rack.

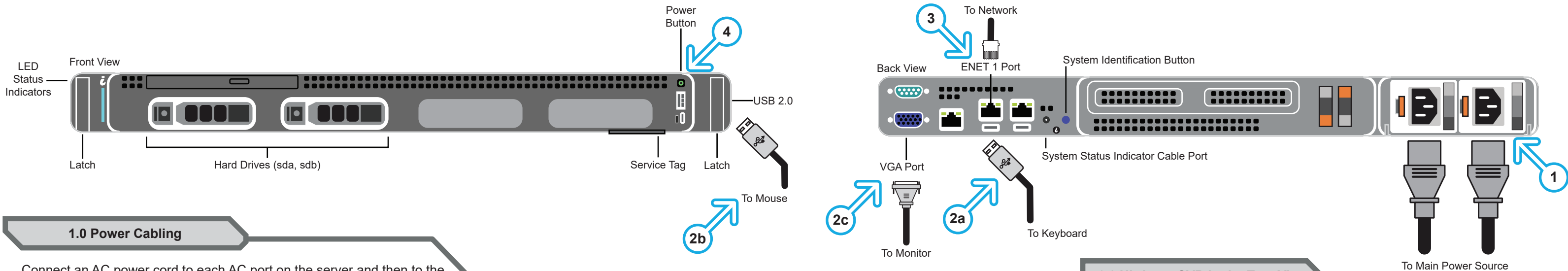
- To mount the chassis into the rack
- Insert the rear end of the chassis rail members into the front end of the rails.
 - Push the chassis towards the back of the rack.
 - If using 4-Post Mount or 2-Post Center Mount, the latches engage automatically.
 - To fasten the chassis to the rack, tighten the screw underneath the latch on both ends of the front of the chassis rack ears.

Ultracore SVR General Specifications	
CPU	Intel Xeon E-2436 2.9G, 6C/12T, 12M Cache, Turbo, HT (65W)
RAM	2 x 16GB UDIMM, 5600MT/s ECC (Total: 32GB)
HDD	2 x 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive,3.5in (Total: 480GB in mirror)

For the latest power numbers for your configuration, refer to the Ross Configuration Tool on our website.



Before you set up and operate your Ultracore SVR, refer to the Dell Safety instructions that were included with your unit.



1.0 Power Cabling

Connect an AC power cord to each AC port on the server and then to the main power source.

Note: The server power supplies are auto-sensing and can use either 110VAC or 220VAC. Servers are equipped with two power supplies in a redundant configuration. Only one power supply is required to run the server.

2.0 Peripheral Cabling

Note: Peripheral equipment is customer supplied.

2a Plug a keyboard into the USB port on the back of the server.

2b Plug a mouse into the USB port on the front of the server.

2c Connect a monitor to the VGA port using a VGA cable.

Note: KVM extenders (customer supplied) are required when the server keyboard, mouse, and monitor are located remotely from the rack room.

3.0 Network Cabling

Plug an ethernet cable from your Local Area Network into the left ENET port on the back of the server. The port on the right is used for redundant systems. Refer to the **Ultracore BCS User Guide** for details on setting up a redundant system.

Note: The server must be connected to the same network as the Ultrix router and devices in your routing system.

4.0 Power Up

Press the **Power** button on the front of the server.

The server startup process includes drive initialization, which takes a few minutes to complete.

Note: Ross Video recommends shutting down the server only from the Microsoft® Windows® operating system.



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5.0 Specify the IP Address

1. Download and install the DashBoard client software to a computer connected to the same IP address subnet as the Ultracore SVR. The DashBoard software is available from our website.

Note: The Ultracore SVR ships with the default IP address of 192.168.20.160.

2. Launch the DashBoard client software on your computer.

3. Select **Window > Preferences > Selected network interface**.

4. Select the ENET port that is connected to the Ultracore SVR LAN.

5. Click **Apply**, then click **OK**.

6. Re-start the DashBoard client software.

7. Select **File > Show Walkabout** to display the Walkabout table.

8. Click **Refresh**.

9. In the **Walkabout** table, locate the Ultracore SVR you want to configure.

10. Use the **Name** field to assign a unique identifier to the Ultracore SVR.

Note: After you edit a cell in the **Walkabout** table, press **Enter** to confirm your edits. To verify your changes, wait up to 3 seconds then click **Refresh**.

11. Use the **Address** field to assign a new IP address (as specified by your IT Group).

12. Ensure the **Netmask** field is set to match your network requirements.

13. Use the **Gateway** field to enter the IP address for connection outside of the local area network (LAN).

14. Click **Reboot** in the row of the Walkabout table for the Ultracore SVR.

6.0 Ultracore SVR in the Tree View

1. In the DashBoard client main toolbar select **File > New > TCP/IP DashBoard Connect or openGear Device**.

2. In the **IP Address** field, enter the IP address that you assigned to the server in the previous procedure.

3. Click **Detect Device Information** to auto-populate the remaining fields.

4. Click **Finish** to display the Ultracore SVR in the Tree View of DashBoard.

5. Locate and expand the **Ultracore SVR** node in the Tree View of DashBoard.

7.0 Installing License Key(s)

1. In DashBoard, expand the Ultracore SVR node to display a list of sub-nodes in the Tree View.

2. Expand the **System** node.

3. Expand the **Configuration** node.

4. Double-click the node for your Ultracore SVR.

5. Click **Licenses** from the left toolbar.

6. Make a note of the character string in the **Request Code** field for each feature you wish to enable.

7. Contact your Ross representative to obtain your License Key(s).

a. Provide your name, your facility name, and the Request Code(s) from step 6.

b. You will be given a License Key for each feature. Each Key must be entered in the applicable field in the **Licenses** table.

8. Enter each provided **License Key** in the applicable field of the **License** table.

9. Click **Apply** in the row for each License Key you entered in step 8.

10. Verify that the **Count** field now reports each installed License Key.