

Installing the ARX-1500

This *ARX-1500 Quick Installation* card provides instructions for installing an ARX-1500 in a standard 19-inch (48.3 cm) equipment rack and performing an initial boot.

The audience for this *ARX-1500 Quick Installation* card is a network technician who is responsible for installing network equipment in an enterprise data center.

◆ Note

Read all the product warnings as listed in the *ARX-1500 Hardware Installation Guide*.

◆ Important

This is a Class A product. In a domestic environment, this product may cause radio interference. If so, the user may be required to take adequate measures. Changes or modifications not expressly approved by the manufacturer could void your FCC-granted authority to operate this equipment.

Recommended Tools and Equipment

The following tools and equipment are recommended for unpacking, rack-mounting, and installing the device.

- Phillips screwdriver
- Tape measure (for rack-mount procedure)
- Laptop or PC to use as a serial console connected to the serial-console port
- Customer-supplied standard 19-inch EIA rack

Unpacking the ARX-1500

After unpacking, retain all packing materials. Product returns are acceptable only in the original packaging or in packaging obtained from F5 Networks.

To unpack the ARX-1500:

1. Inspect the box for any shipping damage.
2. Open the box (top flaps) and carefully remove the power cords (2), the protective foam, the ARX-1500, and the Accessory Kit. To verify the contents of the Accessory Kit, see *Verifying the Accessory Kit Contents*.

If you need to return a component, consult the instructions, *The F5 Return Materials Authorization (RMA) Process*, located on the AskF5 website:

<http://www.f5.com/pdf/customer-support/rma-process.pdf>

Verifying the Accessory Kit Contents

Verify the contents of the Accessory Kit against the following list:

- Slide-rail kit (pre-packaged, includes instructions) (1)
- Rack-mounting ear bracket kit (1)
- Bubble bag, containing:
 - Rail-locking brackets (2)
 - #6-32 pan head screws (4)
 - #8-32 pan head screws (2)
 - RJ-45-to-DB9 adapter (1)
 - Power cord retention clips (2)
 - Cross-over cable (8-ft. / 2.4384-M) (1)
 - ARX-1500 Quick Installation* card
 - ARX-1500 Hardware Installation Guide*

In addition to the installation card and the installation guide, consult the *ARX Hardware Reference Guide*, which includes system specifications and requirements and details about the LEDs, cables, external interfaces, power supplies, internal disk drives, and many other hardware details.

Determining Which Rail Kit to Use

The ARX-1500 platform comes with two types of rack mounting kits: stationary rack-mounting ear bracket and slide-rail mounting. An advantage of installing the slide-rail mounting kit is that you can then slide the ARX-1500 in and out of the rack as needed.

The tasks you need to perform to install the platform differ, depending on the type of rack mount you decide to use and the type of cabinet you are installing into (single two-post cabinet or four-post cabinet). To determine which rail kit to use, see the *Determining Which Rail Kit to Use* section in the *ARX-1500 Hardware Installation Guide*.

As you inspect the Accessory Kit contents, you can determine which rack kit is rack-mounting (black rails) and which kit is slide-rail mounting (silver rails) based on *Figure 1.1* and *Figure 1.2*.

Figure 1.1 Rack-mounting kit.



Figure 1.2 Slide-rail mounting kit (sliding rails)



Installing the Rails and the Chassis

Once you have determined which rail kit to use, consult the *ARX-1500 Hardware Installation Guide* for detailed instructions on installing the rail kit of your choice. These instructions are critical to understanding how to install the rails in the rack and set the component into the rails.

◆ Note

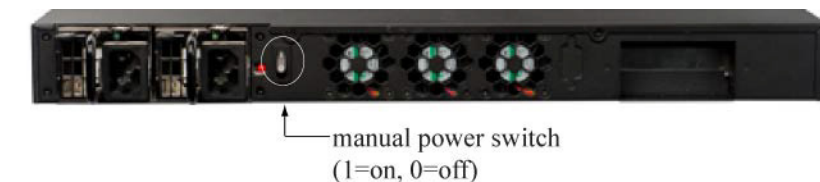
Do not use the instructions that come with the rail kit; read the instructions in the installation guide.

Attaching Cables and Powering On

◆ DANGER

Before powering on, make sure all AC outlets to the device are properly grounded. Never assume that power is disconnected from a circuit; always check.

1. From the back of the ARX-1500, identify the manual power switch. It is the first switch to the right of the power supplies. For help in locating the power switch, see the following figure.



Power to the device is not controlled by software. Power is toggled On (I) or Off (O) using the power switch. To fully remove power from the ARX-1500, you must turn this power switch to the Off position and remove both power cords. Standby power is supplied even when the power switch is off.

◆ DANGER

In the event that AC power must be removed from the system, disconnect the power cords before servicing the device to avoid electric shock.

2. On the back of the ARX-1500, to the left of the power switch, attach the power cords to the power supplies. Attach one power supply to one AC line feed and the second power supply to the other.
3. To turn on the ARX-1500, manually toggle the power switch to the On (I) position.
4. Attach the serial console cable to the serial console port. See the following figure for the location of the serial console port. Use the included cross-over cable and the RJ-to-DB9 adapter.



5. Set the console terminal parameters. For details, see *Setting the Console Terminal Parameters*.

Setting the Console Terminal Parameters

Before booting the ARX-1500, set the console terminal parameters to match those on the serial console port as follows:

- 9600 baud rate (default)
- XON-XOFF flow control
- 8 data bits
- 1 stop bit parity

Perform the initial configuration on the ARX-1500, as described in *Launching the Initial-Boot Wizard*.

Launching the Initial-Boot Wizard

Before you begin, check that you have properly configured the console terminal settings. For details on the console settings, see *Setting the Console Terminal Parameters*.

When the ARX-1500 powers up for the first time, the system boots from the internal hard drives and the boot wizard starts automatically. The wizard prompts for basic configuration and security information.

After some boot-up messages, the following prompt appears:

Press <Enter> to start the Switch Configuration Wizard.

Press the Enter key and complete the steps in the initial-boot wizard. For detailed instructions on answering the prompts and completing the wizard, see the *ARX-1500 Hardware Installation Guide*.

For instructions on adding the ARX-1500 to your network, see the *ARX® GUI Quick Start: Network Setup* or the *ARX CLI Network-Management Guide*. For detailed instructions on configuring storage and storage policies, see the *ARX CLI Storage-Management Guide*.

You can access these guides through the ARX Manager graphical user interface (GUI). A link to the documentation appears at the bottom of the navigation panel on the left-hand side of the GUI.



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ARX® - 1500 Quick Installation