



Selenio™ Broadcast Network Processor Quickstart for BNP 3xr

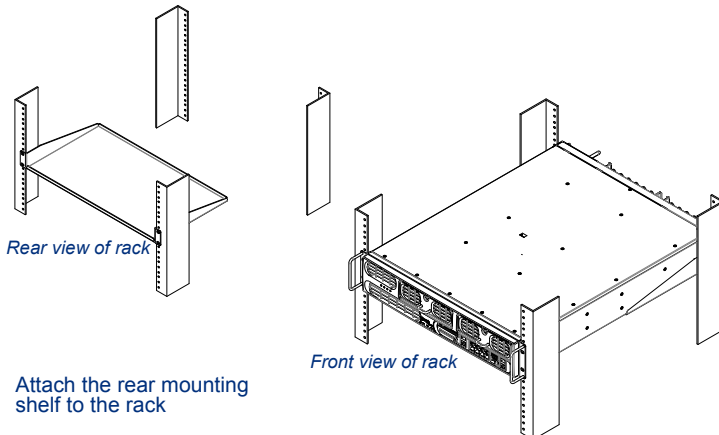
1 Prepare

Supplies listed in the following table are required for this installation.

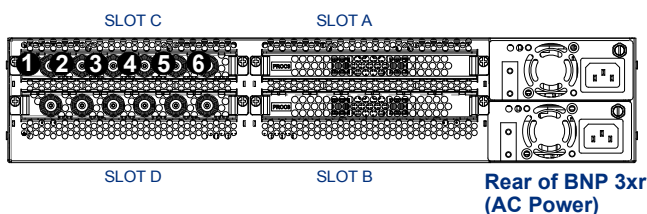
Provided in your shipping carton	You provide
BNP 3xr chassis with installed modules.	Phillips screwdriver
AC power cord, for AC system, or DC connector cables, for DC system.	Eight rack-mount screws.
Front and rear rack-mount brackets.	Ethernet cable: for connectivity between the BNP and the Management workstation.
One M4 grounding nut.	One or more GigE copper or optical SFP modules.

2 Rackmount the BNP 3xr

1. Use the rack-mount screws to attach the front rack-mount bracket to one side of the chassis. Repeat on the other side of the chassis.
2. Secure the front of the chassis to the rack.
3. Slide the mounting brackets to the correct distance and secure them.
4. Seat the chassis on the rear mounting shelf.
5. Ground the chassis.



The BNP 3xr can be used with one to four modules, depending on your requirements.



3 Recommended SFPs

Install approved SFPs according to the manufacturer's instructions:

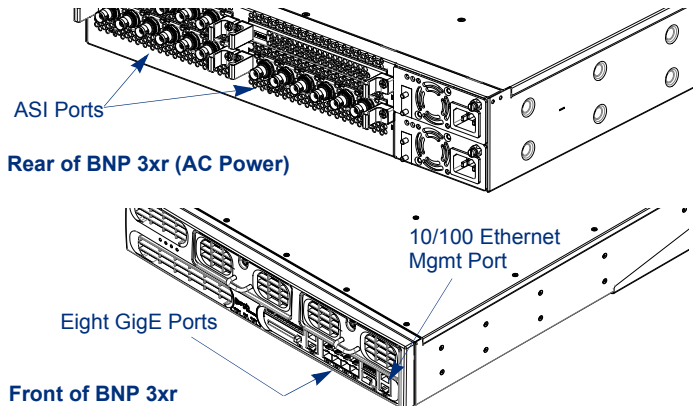
Manufacturer	Part Number	Description
Finisar	FTLF1519P1BCL	SFP 1550nm GigE optical module ^a
Finisar	FCMJ-8521-3	1000BaseT Copper SFP Transceiver
Avago	ABCU-5710RZ	SFP 1550nm GigE optical module
Fiberdyne	FGE-SFP-T	1000BaseT Copper SFP Transceiver

a. These are some of the units being qualified; *Imagine Communications* continues to qualify units to the specification. Please contact *Imagine Communications* for an update on current SFPs.

4 Connect the Ports

Use the correct cable for the port type and your network configuration:

- 10/100BaseT Ethernet port, used to communicate with the management network.
- ASI ports, located on the rear of the chassis. Use a push/twisting motion to ensure proper seating of the cables.
- The Gigabit Ethernet ports must have approved SFPs before cabling.



5 Power Up

1. Connect all ports before applying power.
2. Connect power to the chassis:
 - **For AC power:** plug one end of the AC power cable into the BNP 3xr power connector. If using two power supplies, plug the second AC power cable into the other AC power connector. Plug the other end of the power cable(s) into the input power source. The unit should now have power.
 - **For DC power,** cut the provided DC connector cables to the correct length to reach the BNP3xr from the power source. Attach the connector cables from the power source to the BNP3xr power connectors. Attach the other end of the power connector cables into the input power source. Toggle the external circuit breaker to the ON position. The unit should now have power.
3. Verify power: at the BNP 3xr, check to ensure that the Cfg/Pwr LED is solid green. The PSU1 and/or PSU2 LEDs on the front of the chassis should also be solid green.

