

Step 1: Unpack Contents

Open the shipping container and unpack all contents.
Make sure you have the following:

- SBExpress-DT4 NVMe SSD Test System chassis
- Power cord
- Ethernet cable
- USB cable



SBExpress-DT4 NVMe SSD Test System - Front

Step 2: Plug in the Power and Network Cables

1. Plug the Power Cable into the system.
2. Plug the Ethernet cable **1G** Eth0 into your network.
3. The SBExpress-DT4 should already be populated with the risers that you ordered. See the list of PCIe Gen4 slots available (to the right).



SBExpress-DT4 NVMe SSD Test System - Rear

Six PCIe Gen4 slots Available

- Slot 0, 1, 2 Gen4 Riser; options for U.2 / U.3 / M.2 / EDSFF (short)
- Slot 3, PCIe x8
- Slot 4, EDSFF (long) support built-in
- Slot 5, M.2 (on Motherboard)

Step 3: OPTIONAL STEPS

1. Attach the **VGA** cable to your monitor (if you are using a monitor to access the system).
2. Connect the **USB IN** port to additional USB ports located in the system, or to a laptop for example. The USB B port provides additional internal USB connections to the system if needed.
3. The DIP switches **1-8** are set to the default: ON, ON, OFF, OFF, OFF, ON, OFF, ON; Leave the defaults for now. You can consult the *SBExpress-DT4 User Guide* later for additional options.
4. Four additional USB ports (2 USB ports as shown on the back of the system and 2 internal USB ports, not shown) for optional devices and connecting peripherals are available if needed.
5. A serial **COM** port (19200 8n1) is available if needed for connection to a serial console.

Step 4: Install Drives in Front

All drives are installed through the front panel. Up to three single or dual port drives can be installed in the SBExpress-DT4 NVMe SSD Test System. **Note:** It is recommended that all drives be installed before the system is powered on so that they are discovered properly.

Connect using Ethernet

Connect Via a Web Browser

Use a Web Browser to connect to the SBExpress system by typing in the IP address in the URL window using these default parameters:

| | |
|------------------|----------------------------------|
| IP Address: | 192.168.1.222 |
| Default Gateway: | 192.168.1.1 |
| User Name: | system |
| Password: | SANBlaze (case-sensitive) |

Note that the IP address is displayed on the front LCD panel.

or...Connect via SSH

Open a secure shell (SSH) and connect to the IP address **192.168.1.222**

Note: If your host is not in the `/etc/hosts` file, the system will take a few seconds to reply.

| | |
|------------|----------------------------------|
| User Name: | vlun |
| Password: | SANBlaze (case-sensitive) |

Upon successful log-in, issue the **su** command to get super user access.

```
# su  
Password: SANBlaze
```

Change the IP address

Once the SBExpress-DT4 system has been accessed, the IP address, system name, and gateway can be changed using the main web page.

Direct Connect w/ Monitor

Connect via the Command Line

In addition to the Ethernet based connectivity methods, you can access the SBExpress-RM4 system via the command line using a monitor and keyboard connected to the unit.

Once connected, issue the **su** command to get superuser access.

```
# su  
Password: SANBlaze
```

Change the IP address at the CLI

Run the network config script:

```
# /virtualun/scripts/config_network.sh
```

The script will then prompt you for all the necessary network settings.

You can now connect to the SBExpress-RM system via a web browser.

Step 5: Open the SBExpress-DT4 User Guide

Once you have the system up and running, refer to the *SBExpress-DT4 NVME SSD Test System User's Guide* for information on LEDs, Fans, Dip Switches, Power Supply, running tests in the software, and configuration options for the system.