Quick Start Guide

OVERLAND TANDBERG

RDX® QuikStation® 8
2U Storage Appliance

10401048-003

Step 1

Register the Unit

It is **essential** to activate your warranty. Technical and warranty support are **not available** until the warranty is active:

1. Go to https://www.overlandtandberg.com/service-support/customer-product-registration/.
2. Click **Register**.
3. Fill in the information (including serial number) and click **Submit**.

Your warranty certificate will be emailed to you. Follow the email instructions to complete the registration process.

Step 2

Unpack the Unit

Place the unit and any supplied RDX cartridges on a secure surface.

> ⚠ **WARNING:** To reduce the risk of electric shock or damage to equipment, always remove any power cords while working with the unit.
>
> **WARNUNG:** Um das Risiko eines elektrischen Schlags oder Schäden am Gerät zu vermeiden, ziehen Sie stets den Netzstecker, bevor Sie an der Einheit arbeiten.
>
> **AVERTISSEMENT:** Pour réduire le risque de choc électrique ou endommagement de l'équipement, retirez toujours les cordons électriques en travaillant avec l'appareil.

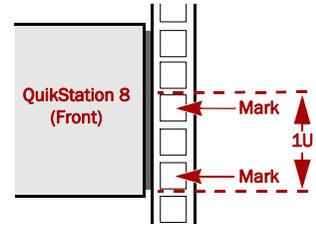Save the packaging materials in case the unit is returned or shipped for any reason.

Step 3

Install Rails in Rack

The rack version of the RDX QuikStation 8 is designed for use in a 19-inch rack using 2U of rack space.

NOTE: The length of the power cord and the Ethernet cables may restrict placement.
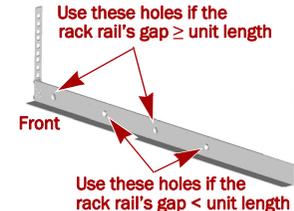
Ensure that the airflow around the front and back of the unit is not obstructed, dust is kept to a minimum, and there is at least 12cm (4.75 in.) free space in front of the unit to allow the operators to safely remove the RDX cartridges.

1. Determine the **2U area** where the QuikStation 8 is to be mounted and mark the **first** and **third** set of holes (left and right sides) on the front.
2. At the rear, mark the same **first** and **third holes** on both sides.
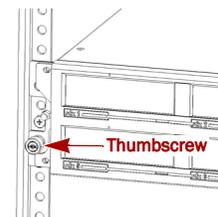3. **Measure** the space between the front and rear rack rails.
   - If the measurement is **less** than the length of the QuikStation 8, secure the **first** and **third** mounting rail holes with M4x12 screws, washers, and nuts.
   - If the measurement is **greater than or equal to** the length of the QuikStation 8, secure the **second** and **fourth** mounting rail holes with M4x12 screws, washers, and nuts.

4. Align the **left-front flange** with the two marked holes on the front rack rail and loosely attach the left-side mounting rail with two screws.
5. Ensure the mounting rail is level and attach it loosely to the **rack rear** with two screws.
6. Repeat Steps 4–5 for the **right-side rail**.
7. Verify both rails are level and then securely tighten **all screws**.

Install the Unit in the Rack

1. Lift and position the **unit** onto the rails and push it in until the front brackets are touching the rail screws.

   Verify that the unit is level and the QuikStation 8 thumbscrews align with the appropriate rail holes.

2. Using the **thumbscrews**, anchor the QuikStation 8 bracket on the left and right to the rack.

> ⚠ **WARNING:** Do not place anything on top of the rack-mounted unit when it is extended from the rack.
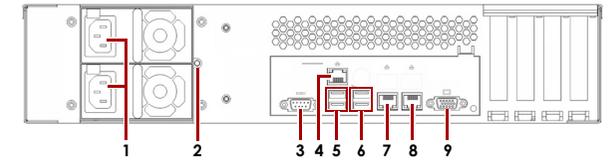>
> **WARNUNG:** Stellen Sie nichts auf die Rack-Einheit, wenn diese aus dem Rack herausragt.
>
> **AVERTISSEMENT:** Ne rien poser sur l'unité installée dans le rack lorsqu'elle est étendue du rack.

Step 4

Connect Network Cables and Power Cords

All power connections, cable ports, and cooling vents are located on the rear panel of the QuikStation 8.

1 - AC Power plugs (on PSUs)
2 - Power Supply Reset
3 - Serial connector
4 - Ethernet port - IPMI Interface
5 - USB 2.0 Ports (2)
6 - USB 3.0 Ports (2)
7 - 10 Gigabit Ethernet port (eth0)
8 - 10 Gigabit Ethernet port (eth1)
9 - VGA/Display Port

1. Connect either one or both of the 10 Gb Ethernet ports to the **network** ports of a switch, hub, or router on the same LAN as the host system being used to manage the QuikStation.

   NOTE: For failover protection and maximum performance, connect both 10 GbE network ports.

2. Connect the appropriate power cords to the QuikStation 8, and plug the **power cords** into either a UPS appliance or properly grounded AC power source.

   NOTE: If using two power supplies for failover protection, connect them to different UPS appliances using different AC power sources.

3. Turn the power on by pressing the **power button** on the front center of the unit.

Install Cartridges

1. Position an **RDX cartridge** at an empty QuikStation 8 RDX dock opening.
2. Slide the **cartridge** in until it locks in place.
3. Repeat Steps 1–2 for **each** remaining cartridge.

Step 5

Obtain the IP Address

The default QuikStation 8 network configuration is set for dynamic IP addresses (DHCP), but static IP addresses are also supported. To determine an IP address:

1. With the appliance off, attach a **monitor** to the VGA display port.
2. Attach a **keyboard** as appropriate.
3. **Power on** the unit by pressing the power button.

   After the unit initializes, the IP addresses are displayed.

The IP address may also be obtained using a USB stick with a single MBR partition formatted with either FAT32 or NTFS.

1. Create an empty `network.info` **file** on a USB stick.
2. **Insert the stick** in the USB port on the front of the unit and wait at least 30 seconds for the network configuration to download to the `network.info` file.
3. Move the USB stick to a **host computer** and scan the updated `network.info` file to determine the available IP addresses.

Assign a Static IP Address

If DHCP support is not enabled, set a static IP address for the unit:

⚠️ **CAUTION:** Make sure the USB stick file name `network.conf` is **all lowercase** letters.

1. Create a **file on a USB** stick named "`network.conf`" with these entries:

```
BOND0_IP4_CONFIG=static
BOND0_IP4_ADDR=nnn.nnn.nnn.nnn
BOND0_IP4_GW=nnn.nnn.nnn.nnn
BOND0_IP4_PREFIX=nn
```

Replace the variables ("n") with your desired IP address, gateway, and prefix as required. For example:

```
BOND0_IP4_CONFIG=static
BOND0_IP4_ADDR=192.168.10.111
BOND0_IP4_GW=192.168.10.1
BOND0_IP4_PREFIX=24
```

2. **Insert the stick** in the USB port on the front of the unit and wait at least two minutes for the `network.conf` file to update.

3. Remove the **USB stick** from the front port.

The unit will restart with the updated network settings.

NOTE: If the unit does not reboot automatically, recheck network.conf filename to ensure it is all lowercase letters.
You may need to use a Linux or MacOS host system to check a filename as Windows OS can change the filename to uppercase but cannot display it.

The Remote Management Console should now be available at the static IP address selected. For more information on how to configure IP addresses, refer to the *RDX QuikStation 4 & 8 Product Manual*.

Connect to the Remote Management Console

Use a web browser to connect to the Remote Management Console (RMC) of the RDX QuikStation 8 from any computer on the same network. Supported operating systems include Microsoft Windows, Linux, and Apple MacOS.

To connect to the RMC:

1. Obtain the unit's **IP address**.

2. On a network host, type the RDX QuikStation **IP address** in a web browser's URL field (for example, "`192.168.10.111`").

3. Using the default username and password, sign in to the **Console**.

The default username/password is "`Admin/Admin!`".

NOTE: Passwords are case-sensitive and should be changed regularly.

Step 6

Configure the RDX QuikStation 8

You can configure your RDX QuikStation 8 as RDX Disks (default) or RDX Logical Volume (see the *RDX QuikStation 4 & 8 Product Manual*).

1. Using the RMC, select the **device type** from the dialog window.

2. Click **OK**.

The system restarts. When done, your selected device configuration is shown.

NOTE: If you have any RDX cartridges loaded into the RDX QuikStation, the system will eject the cartridges when it restarts.

Step 7

Connect to iSCSI Targets

In iSCSI terminology, a host computer is referred to as an **initiator** and the storage device it connects to as the **target**.

NOTE: The RDX QuikStation and the host computers must reside on the same network.

To establish an iSCSI connection in Windows Server:

1. Open the Microsoft iSCSI Initiator and click the **Discovery** tab.

2. Click **Discover Portal** to enter the IP address for the QuikStation 8.

3. Click **OK**.

4. Click the **Targets** tab.

5. Select the target you want to connect to and click **Connect**.

For more information on how to connect to targets, refer to the *RDX QuikStation 4 & 8 Product Manual* and your OS documentation.

Prepare for and Perform a Backup

1. If needed, install an approved **backup application**. Check the Software Compatibility Matrix using the link available at the top of the Overview page on Overland-Tandberg Knowledge Base.

2. **Launch** and **configure** the backup application software.

For questions regarding software installation, configuration, and operation, refer to your backup software product documentation or contact your software provider.

Step 8

For product information, support, and documentation, visit our website:

https://www.overlandtandberg.com

Additional RDX Cartridges

To purchase RDX media cartridges, contact your Overland-Tandberg Partner or go to our website listed above.

Warranty and Technical Support

For warranty and technical support information, use the **Support** tab on our website listed above.

User Guides and Articles

For detailed information on configuring your RDX QuikStation 8, refer to the *RDX QuikStation 4 and 8 Product Manual*. The product manual, quick start guide, and other knowledge base articles are **available** at:

https://www.overlandtandberg.com/knowledgebase

Product Information

Product name: **RDX QuikStation 8**

Model/Type Reference: **RMN-A-01-16**

Manufacturer: **Tandberg Data GmbH / Overland-Tandberg**

European Regulatory Address:
Tandberg Data GmbH, Nikolaus-Groß-Straße 13, 44329 Dortmund, Germany

Power Ratings

Input Voltage	100 - 240 VAC
Input Rated Current	2.0-1.0A
Rated Input Frequency	50-60 HZ

Safety Precautions

⚠️ **CAUTION:** Be aware of the location of the power ON/OFF switch on the front of the RDX QuikStation 8 chassis as well as the room's emergency power-off switch, disconnection switch, or electrical outlet used. If an electrical accident occurs, you can then quickly remove power from the system.

The rack version of the RDX QuikStation 8 is intended for use when mounted in a standard rack. It may be used on a shelf or table top as long as the area is free of clutter to ensure proper ventilation.

The unit is intended for indoor use only. Use an appropriate power supply cord with a grounded plug and a grounded electrical outlet. The outlet must be near the equipment and easily accessible.

FCC Compliance Notice

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Environment Friendly Disposal

You can help protect the environment! Please remember to respect the local regulations and hand in the non-working electrical equipments to an appropriate waste disposal center. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection-service.

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机箱/风扇 Enclosure / Fan	X	O	O	O	O	O
印刷电路板组件 PCAs	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。