1 ## Set up your device
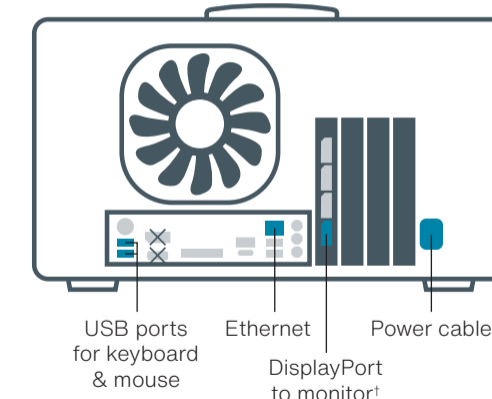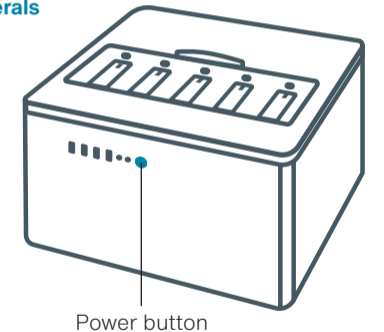
1. **Unpack** your GridION device*

2. Attach the **cables** and **peripherals** (as shown opposite)

3. Connect the **power supply**

4. Press the **power button**

* Place device on a well-supported, strong, clean bench. Allow 30 cm clearance rear and sides, and do not cover ventilation grilles. See User Manual for detailed installation advice.

Power button

Only those ports and connections shaded in blue should be used.

✕ These ports cannot be used to connect to a monitor.

† If using HDMI only monitor, use the included DisplayPort to HDMI adapter.

USB ports for keyboard & mouse

Ethernet

DisplayPort to monitor†

Power cable

2 ## Log in

1. **Log in** to your GridION Password: **grid**

2. Open **MinKNOW™** Click the wheel icon on the desktop to load MinKNOW, the device operating software

3. **Log in to MinKNOW** Use your Oxford Nanopore account details

4. Complete the **on-screen tutorials** Familiarise yourself with MinKNOW and device operation

GridION

3 ## Perform **hardware check**

A **hardware check** is required before performing your first GridION sequencing run.

To initiate the hardware check, see the workflow below or follow the on-screen tutorials. You will require your five Configuration Test Cells for this step.

| My device (Connection Manager) | Start (in side bar) | Hardware check (in main panel) |

For troubleshooting, refer to the User Manual.

4 Update software

Ensure optimal device and sequencing performance — view and download MinKNOW updates:

Host settings
(in side bar)

Software
(in side bar)

Get update
(in main panel)

Power off the device (step 5), wait 10 seconds, and turn back on to apply the update.

5 Power off

Follow the workflow below to correctly power off your device:

Host settings
(in side bar)

Shutdown
(in main panel)

Shutdown
(in pop-up box)

6 Discover the **Nanopore Community**

community.nanoporetech.com

Ensure the **success** of your nanopore sequencing project and **stay up-to-date** with the latest technology and **protocol updates**

Training   Tutorials
Forums   Support
FAQs

Additional information

Storage and warranty
GridION device: Do not expose device to temperatures outside of 5–40ºC. Flow cell warranty:
community.nanoporetech.com/to/warranty

Recycle used flow cells
Oxford Nanopore is committed to environmental sustainability. Please help us by sending back your MinION™ Flow Cells for recycling. Find out how: **community.nanoporetech.com/support/returns**

Support
Our technical specialists will be in contact with you shortly to ensure the device is set up correctly. If you encounter issues at any point, please contact **support@nanoporetech.com** or visit **community.nanoporetech.com/support**

Grid**ION** Mk1
Quick start guide