

NBI Panellist Device

What is it...

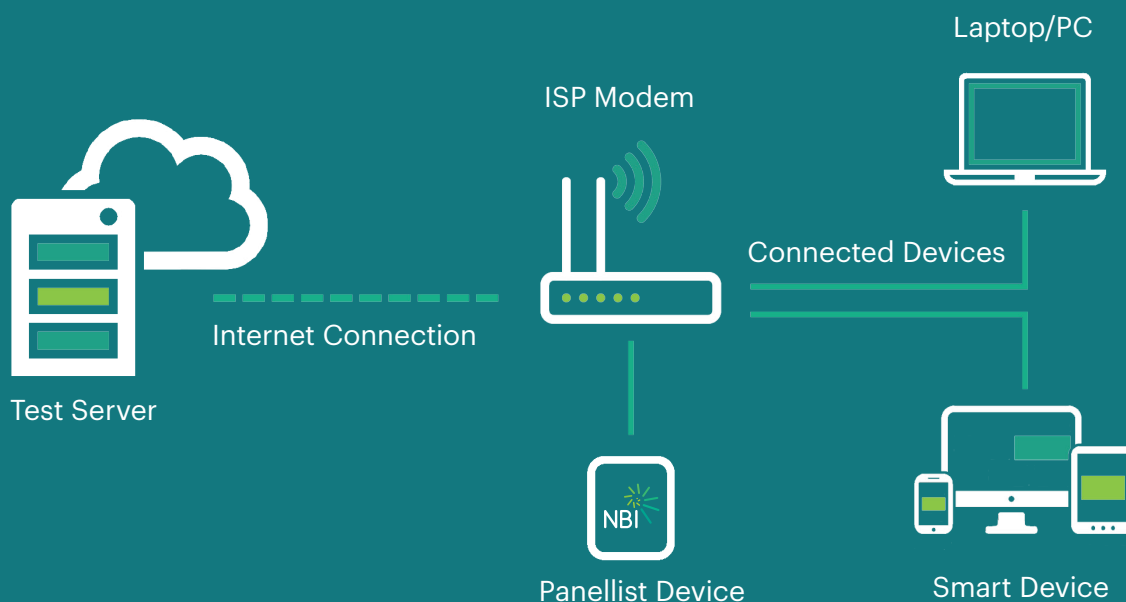
- A dedicated device for measuring internet performance
- Does not monitor traffic or any private data
- Can measure broadband connections up to 1Gbps
- Tests download & upload speed, latency, jitter and packet-loss

Panellist spec...

- ✓ Raspberry Pi4 Model B
- ✓ 1.5GHz 64-bit quad-core CPU
- ✓ 2GB RAM
- ✓ 16Gb Micro SD card installed with Raspbian Linux
- ✓ Gigabit Ethernet
- ✓ External power supply 3A 5.1V power draw
- ✓ 90mm x 65mm x 27mm

How does it work...

The panellist device connects to the NBI test server at scheduled intervals and quickly perform its non-intrusive network performance tests. The results collected on the NBI test server.



Installation guide...

1. Check that all of the necessary parts are included:

- 1 x Panellist device
- 1 x Ethernet network cable
- 1 x Power supply

2. Connect one end of the network cable to a spare port on the back of the modem

3. Connect the other end of the network cable to port 1 on the NBI panellist device

4. Connect the power supply to the panellist device and plug in to a nearby power socket

5. Once the three LEDs (State, Link, and DHCP) are flashing the device has successfully automatically connected to the NBI test server

6. Installation is now complete

Revision No.	Changes	Author	Date
1.0	Published version	NBI Product Management	Feb 2021