

What is a standard nbn™ Fibre to the Premises build?

Depending on the product ordered from service providers, nbn will deliver the below as standard.

| | nbn™ Ethernet access network | business nbn™ Enterprise Ethernet |
|------------------------|---|---|
| nbn can deliver | Installation of Fibre to the Premises as per the nbn™ Ethernet access network product specifications, in any of the specified areas. | Installation of Enterprise Ethernet as per the Enterprise Ethernet product specifications, in any of the specified areas. Note: Aerial deployment is not currently available. |
| nbn will build | <p>For a Single Serviceable Location (SSL):</p> <ul style="list-style-type: none"> • ≤60m lead-in distance from the property boundary to the Premises Connection Device. • ≤40m lead-in distance from the Premises Connection Device to the Network Termination Device (NTD). <p>For a Multi Premises Site (MPS):</p> <ul style="list-style-type: none"> • ≤60m lead-in distance from the property boundary to the Building Distributor or Premises Connection Device in the communications room or suitable location in alignment with business nbn™ Equipment Location Requirements Guide. • ≤40m lead-in distance from the Building Distributor or Premises Connection Device to the NTD. | <p>For a Single Serviceable Location (SSL):</p> <ul style="list-style-type: none"> • ≤40m lead-in distance from the building entry to the Premise Connection Device. • ≤40m lead-in distance from the Premise Connection Device to the Business Network Termination Device (BNTD). <p>For a Multi Premises Site (MPS):</p> <ul style="list-style-type: none"> • ≤40m lead-in distance from the property boundary to the Building Distributor or Premises Connection Device in the communications room or suitable location in alignment with business nbn™ Equipment Location Requirements Guide. • ≤40m lead-in distance from the Building Distributor or Premises Connection Device to the Business Network Termination Device (BNTD). |

nbn will build

Specific to nbn™ Ethernet access network:

- Single NTD, including:
 - 4 data ports.
 - 2 voice ports.
 - AC Single Power Supply Unit (PSU).

Specific to Enterprise Ethernet:

- Single BNTD, including:
 - 3 data ports (one interchangeable output for optical).
 - AC or DC Single Power Supply Unit (PSU).

All site types:

- ≤2m of conduit or cable tray for transition purposes.
- Re-instatement of fire stopping during fibre hauling.
- Rack or wall-mounted solution for the BNTD or NTD, in an indoor location which meets the required clearance and ventilations measurements. Refer to **business nbn™ Equipment Location Requirements Guide** for more detail.

Customer to provide

Specific to nbn™ Ethernet access network:

- Suitable AC power: 240V General Power Outlet (GPO) within ≤1m of the NTD.

Specific to Enterprise Ethernet:

- Suitable AC power: 240V General Power Outlet (GPO) within ≤1m of the BNTD, or
- Suitable DC power: 2A circuit breaker on a 48V DC Distribution Panel.

All site types:

- Necessary site access approvals – including information about site contacts and induction requirements – to complete site survey and installation of the network equipment.
- Continuous pathways (including cable trays or conduit, riser space and access panels).
- Reserved location for installation of the BNTD or NTD, as agreed with the nbn™ field technician during site survey. This space must be free of any obstacles, dangers or other safety concerns. Refer to **business nbn™ Equipment Location Requirements Guide** for more detail.
- If a rack solution is required: a suitable 19" or 21" rack.
- Suitable power and earthing, that complies with **business nbn™ Equipment Location Requirements Guide** and AS/NZS3000:2018 standards.
- Any customer premises wiring after the BNTD or NTD.

nbn will provide

To support the fibre installation process, nbn will provide the following services:

- Management of the end-to-end deployment process, from build order placed to ready to connect.
- Depending on the engagement model, nbn will provide both reporting and escalation management as required.
- Reference material on key topics, including: the customer journey, FAQs and equipment location requirements.

Optional extras

In addition to the standard Fibre to the Premises delivery, **nbn** can deliver the following optional extras without the need for a feasibility study. The service providers must notify **nbn**.

| Optional extra | Available for | |
|---|---|---|
| | nbn™ Ethernet access network | business nbn™ Enterprise Ethernet |
| <p>Optical service nbn can facilitate an optical service via an interchangeable UNI-D, where a customer has an existing internal optic fibre network.</p> | |  |
| <p>Battery back-up unit To support in the event of power outages, nbn can install a Battery Back-up Unit alongside the NTD.</p> |  | |
| <p>Secondary power supply units Both AC and DC variants available.</p> | |  |
| <p>Additional BNTD or NTD nbn can arrange for additional devices to be installed, to provide additional data and voice ports where required.</p> |  |  |
| <p>Out of standard business hours works If required, nbn's approved construction partner will arrange to complete a site survey and any construction activities (including installation of the equipment) out of hours.</p> |  |  |
| <p>Site specific inductions If you have specific induction or training requirements over and above standard industry practice, nbn's approved construction partner will work with you to complete these prior to the site visit. You must advise nbn of any requirements when the order is placed.</p> |  |  |

Have additional requirements that are not listed?

nbn will work with you to assess feasibility. You will be provided with a quote for any additional work involved (if applicable).