

Verizon 5G Business Internet—5G built right for business

Your business is considering purchasing Verizon 5G Business Internet. This guide will walk you through an overview of the installation involved and required permissions.

Prior to installation

Before beginning the installation, Verizon will need written permission from the building's owner to install the equipment. The process may involve drilling holes into various parts of the building's structure to pull cabling and mount equipment. At the time of installation, the Verizon installation technician may need permission to access the roof and/or facade of the building so that the signal can be vetted and the outdoor receiver installed.

Here are some additional items to consider before installation:

Building permissions

Verizon requires written permission from the building's owner because the installation process may involve the need to:

- Drill into the building's structure to mount equipment
- Run conduits for cable to indoor router and grounding
- Mount any outdoor equipment, such as the receiver, mounting pole, ground block and any additional hardware as needed to complete placement

Equipment placement

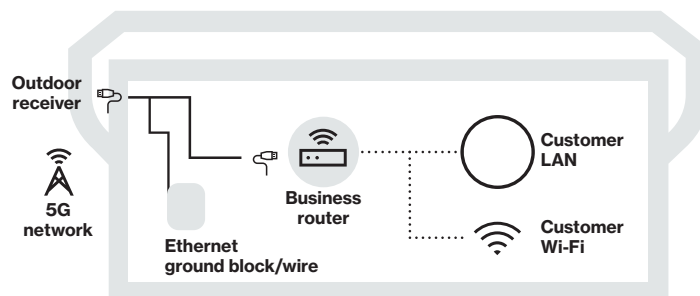
- Glass buildings require a roof-mounted receiver, so roof access and permission to install would be needed
- The Verizon technician will recommend placement options for the receiver based on the location of the best signal, such as the roof, side of the building or on the façade
- If the building owner has aesthetic concerns regarding placement for the outdoor receiver, your Verizon Business Account Manager can note install restrictions on the install instructions

Cabling

- Verizon recommends a maximum of 300 feet for direct cable from the outdoor receiver to the router within the customer's IT closet
- The technician will identify the path(s) needed for cabling
- For buildings that require special cabling (i.e., due to ceiling height), discuss options with your Verizon Business Account Manager

How it works

The diagram below provides an example of how the outdoor receiver is mounted to the building and connects to the 5G Business Internet service.



5G Business Internet hardware and specifications

Hardware	Specifications
Access technologies (bands)	<ul style="list-style-type: none"> • LTE: B2/B4/B5/B13/B48/B66 • 5G NR FR2: n260, n261 • 5G NR FR1: n2, n5, n66 (H/W ready) • LTE CAT20-capable • EIRP: 44 dBm (max), 42 dBm (nominal), 40 dBm (min) (CP-OFDM QPSK 1X1)(4:1 DL:UL duty cycle) • DL CA: 4CC DL (at launch); 8CC DL (via SU)
Processors	5G modem: SDX55 Single-Core, 1.5GHz MAX clock
Memory	SDX55: Flash 512 MB, RAM 512 MB
Battery	N/A
Dimensions of unit	• 12.9L (200 x 83 x 329 mm)



Verizon 5G outdoor receiver

Download a copy of the landlord approval form for signature [here](#).

Provide the signed electronic copy to the Verizon Business Account Manager to complete the 5G Business Internet service order.