Customer-Owned Gateway Specification and Configuration Guidelines

altafiber
elevating connection

Place your Gateway in a location that is less than 300 feet from the altafiber-provided Optical Network Terminal (ONT). Based on wiring configuration at your residence, either your gateway will connect straight to your ONT or to a data jack via an ethernet cable.

GATEWAY FEATURES	MULTI-GIG MINIMUM SPECIFICATIONS	OTHER CONSIDERATIONS
1 WAN Ethernet port	2.5 Gigabit Ethernet Port or greater. *Example shown to the right has a 10 Gigabit port.	10 Gigabit Ethernet or SFP, 10,000 Base-T, Full Duplex interface speed capability would be more future ready.
1 or more LAN Ethernet ports	2.5 Gigabit Ethernet Port or greater. *Example shown to the right has a 2.5 Gigabit port and three Gigabit ports.	10 Gigabit, 10,000 Base-T, Full Duplex interface speed capability would be more future ready.
Wireless	Tri-Band Wi-Fi 6, Tri-Band Wi-Fi 6e, Quad-Band Wi-Fi 6e, Tri-band Wi-Fi 7, or Quad-band Wi-Fi 7 connectivity is strongly recommended.	The number of Bands, Operating Frequency of each Band, Number and Type of antennas, and MIMO or MU-MIMO capabilities will affect wireless throughput.
TECHNICAL FEATURES		
DHCP WAN IP Addressing	Dynamic assignment of IPv4 and IPv6 IP Address. (Subnet Mask and Default Gateway and IPv6 prefix provided by altafiber once connected to the network).	Not applicable.
LAN IP Addressing	Dynamic assignment of Private IPv4 and IPv6 addresses, assignment via DHCP or Static for IP Addresses, Subnet Mask, and Default Gateway.	For Public Static IP service, support of a secondary public IPv4 Subnet on LAN is required.
Firewall	Embedded firewall capabilities.	Not applicable.
Advanced Routing	Port Forwarding capabilities for IPv4 traffic and IPv6 firewall rule capabilities.	Not applicable.

Example Gateway
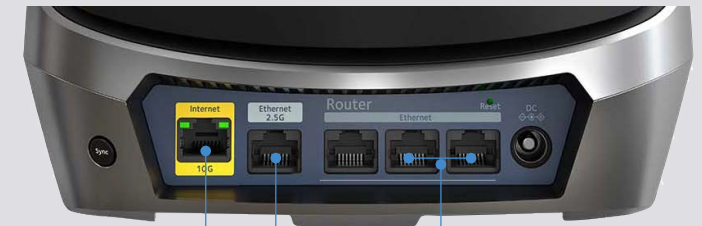
10 Gigabit WAN Port
WAN Port 2.5 Gbps or greater

2.5 Gigabit Ethernet Port
LAN Port 2.5 Gbps or greater

Gigabit Ethernet Ports
for more wired devices

For illustration purposes only; your gateway's capabilities may vary based on model.