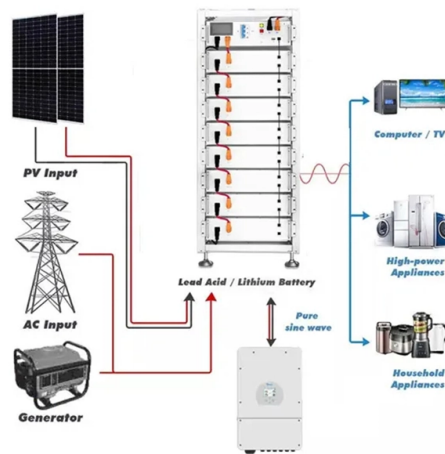


Fiber optic network via wireless router



Summary of Content

You can connect fiber optic internet to a wireless router using an Optical Network Terminal (ONT) or modem to convert the fiber signal into a form your router can distribute wirelessly.

Required Equipment

To set up fiber optic internet with a wireless router, you will need:

- Fiber optic cable: The main line from your ISP, typically with SC/APC or SC/UPC connectors .
- Optical Network Terminal (ONT) or modem: Converts the fiber optic light signal into an electrical signal that your router can use .
- Wireless router: Ensure it supports high-speed fiber connections, ideally Wi-Fi 6 or Wi-Fi 7 for maximum throughput .
- Ethernet cable: Connects the ONT to the router's WAN port .
- Power supply: For both the ONT and the router.

Step-by-Step Setup

- Install the ONT: Connect the fiber optic cable from the wall outlet to the ONT. Power it on and wait for the status lights to stabilize .
- Connect the ONT to the router: Use an Ethernet cable to link the ONT's Ethernet port to the router's WAN port .
- Power on the router: Wait for the router's indicator lights to confirm a successful connection.

Article Content

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The other side is LAN from where a LAN cable drops into my house and goes into the WAN port of my router. I only

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