Information about wired and wireless network connections at Texas Tech University

Details

Jump to info about the wired network

Wireless connectivity

Wireless connectivity available on the Texas Tech University campus consists of Wi-Fi and cellular (4G, LTE, etc.).

Cellular

Cellular services are primarily provided by AT&T, Verizon, Sprint, and T-Mobile, among others. We partnered with AT&T to significantly improve the cellular infrastructure on campus. The enhanced AT&T cellular network already accommodates Verizon, and AT&T is working with the other carriers as of late 2016.

Wi-Fi

The Wi-Fi networks are provided by the TTU IT Division and were deployed by Telecommunications. We upgraded the residence halls to the latest Wi-Fi technology a couple of years ago, and are in the midst of a multi-year Wi-Fi upgrade of academic buildings.

The quality of your Wi-Fi experience can be negatively impacted by a variety of things, including the list below:

- Installing consumer or non-university provided Wi-Fi routers or extenders (e.g. Apple, Netgear, or Linksys) will cause serious interference with those attempting to connect their devices to TTUnet Wi-Fi;
- "Wireless" display devices (e.g. clicker technology and/or pointer devices) for conference and classrooms will interfere with Wi-Fi devices in the vicinity;
- Incorrectly configured Wi-Fi devices may not connect reliably to TTUnet Wi-Fi; and
- Wi-Fi enabled printers, consoles, and other devices (e.g. Roku, Apple TV, PlayStation, etc.), as well as some microwave ovens, will negatively impact Wi-Fi performance and connectivity, especially in heavy use areas such as residence halls, classrooms, and during events.

Connect to TTUnet

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS High Sierra (10.13), Sierra (10.12), or OS X El Capitan (10.11)
- iOS
- Android 8
- Android 7
- Android 6
- Android 5
NOTE: Devices such as smart TVs and gaming consoles typically lack support for the industry standard 802.1x (WPA-2 Enterprise) and are therefore unable to connect to the TTUnet wireless network. As a workaround, you should consider connecting these devices to the TTUnet wired network.

Troubleshoot connection problems with TTUnet

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS
- iOS
- Android 7

Remove old passwords

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS
- iOS
- Android 8
- Android 7
- Android 6
- Android 5

TTUguest Wi-Fi

The TTUguest wireless network was created for instances when visitors to Texas Tech University need Wi-Fi network access. This includes cases where visitors, recruiters, vendors, and presenters are attending conferences, meetings, or other events on the TTU campus.

Request access to TTUguest

How to: Request access to the TTUguest wireless network for visitors to TTU

Connect to TTUguest

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS
- iOS
- Android 8
- Android 7

Troubleshoot connection problems with TTUguest

Unable to connect to TTUguest wireless network

eduroam Wi-Fi

eduroam provides encrypted network access for visitors from other participating institutions without the need to use guest credentials. TTU faculty, staff, and students can authenticate to the eduroam wireless network on other campuses throughout the world and vice versa.
Connect to eduroam

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS
- iOS
- Android

TTU Res Halls Wi-Fi

The TTU Res Halls network is available in the residence halls.

**NOTE:** The Wi-Fi password can be found at: How to: Find out the current password for the TTU Res Halls wireless network.

Connect to TTU Res Halls

- Windows 10
- macOS
- iOS
- Android

Wired connectivity

Texas Tech University offers a wired network service for faculty, staff, and students. The TTUnet wired network is fast, reliable and provides access to sensitive resources only available while connected to the TTU network, such as Internet Native Banner, TechShare and network printing.

![Network cable](image)

Troubleshoot connection problems

- Windows 10
- Windows 8.1 or 8
- Windows 7
- macOS High Sierra (10.13), Sierra (10.12), or OS X El Capitan (10.11)

Solution Properties

**Solution ID**
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**Author**
asprothr