



Redundant WAN over LTE

2x2 Category 4 LTE Radio

External LTE Antenna Interface

PoE In/Out Flexibility

Model: U-LTE



Overview

Avoid internet downtime and lost productivity by adding a UniFi® LTE to your existing UniFi network. It is a Category 4 LTE device that seamlessly integrates with the UniFi Dream Machine (UDM) or UniFi Security Gateway (USG) to deploy an LTE WAN failover network.

The UniFi LTE uses the AT&T LTE network to provide backup internet connectivity¹ in case your primary WAN connection goes down. For failover, the UniFi LTE provides a secondary Gigabit Ethernet port for bridging and passive PoE passthrough.

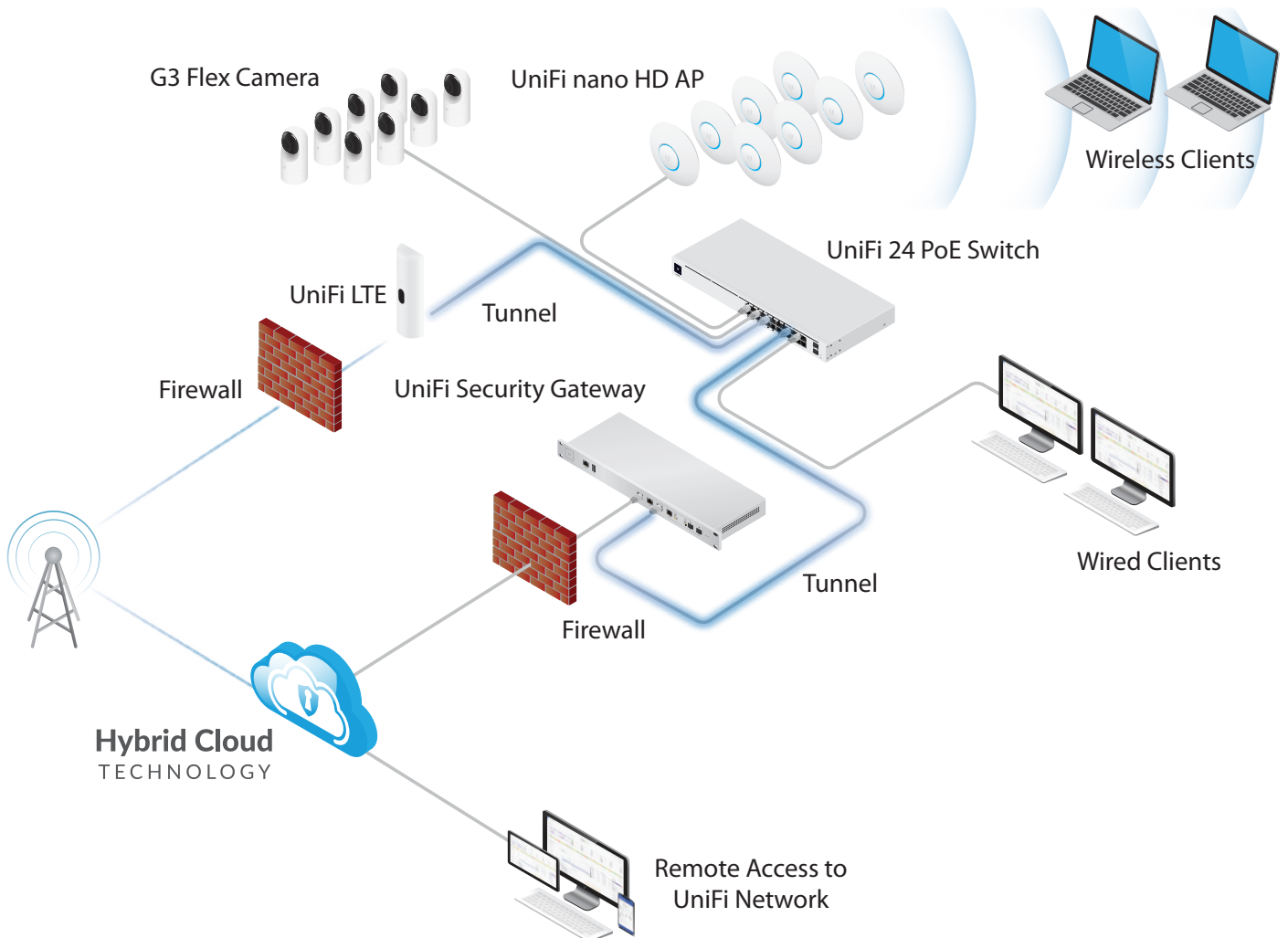
Quick Setup

Ready in minutes: LTE activation is integrated for your convenience. Connect the UniFi LTE to your local network, and then activate it by signing up for a subscription plan with your credit card via your cloud account at unifi.ui.com

The UniFi Network Controller automatically creates a secure tunnel between the UniFi LTE and security gateway. Then select individual networks for LTE failover² when the primary WAN goes offline. You can manage your LTE subscription at: account.ui.com/subscriptions

¹ Coverage and availability depends on the AT&T LTE network.
² UniFi cloud account and Ubiquiti LTE data plan required.

Deployment Example



The UniFi LTE offers an LTE WAN failover for your designated UniFi networks.

UniFi LTE

Deploy an LTE WAN failover network with the UniFi LTE.

- Cat 4 LTE Antenna
 - Maximum Download: 150.8 Mbps
 - Maximum Upload: 51 Mbps
 - 2x2 MIMO
- Gigabit Ethernet Ports
- PoE Flexibility
- Multiple Mounting Options

Status Display

For easy monitoring, the 1.5" screen displays status information, such as failover status: ready or active. It also lets you track your LTE data usage during a failover for the current billing period.

Long-Range Applications

The UniFi LTE offers excellent coverage with its internal high-performance antenna.

Should you require greater LTE coverage and performance, you can attach an optional high-gain antenna to the RP-SMA antenna connector for a stronger signal. The external antenna can be mounted outdoors to optimize positioning.



U-LTE

The Convenience of PoE

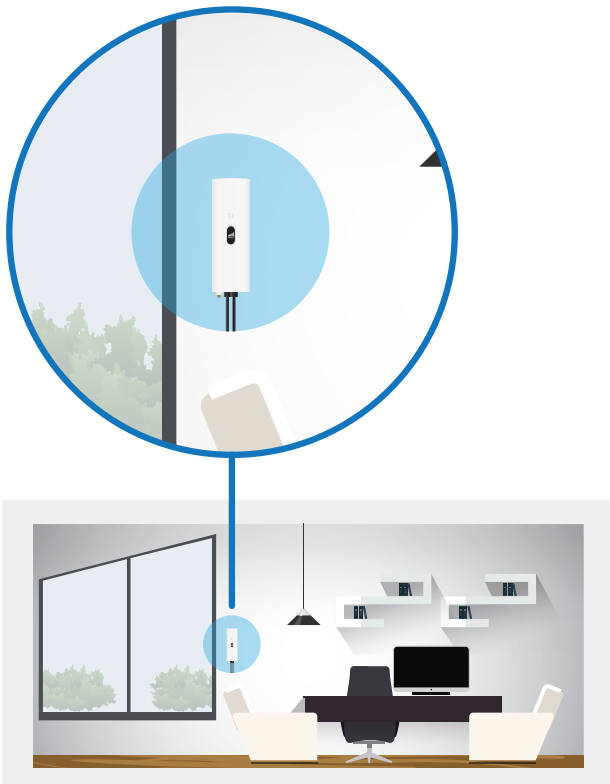
The UniFi LTE can be placed anywhere since it can be powered by 802.3at PoE+ from a UniFi PoE switch. There's no need to keep it in the server room or network closet.

A secondary port offers bridging and passive PoE passthrough – useful for a camera, AP, or other device.

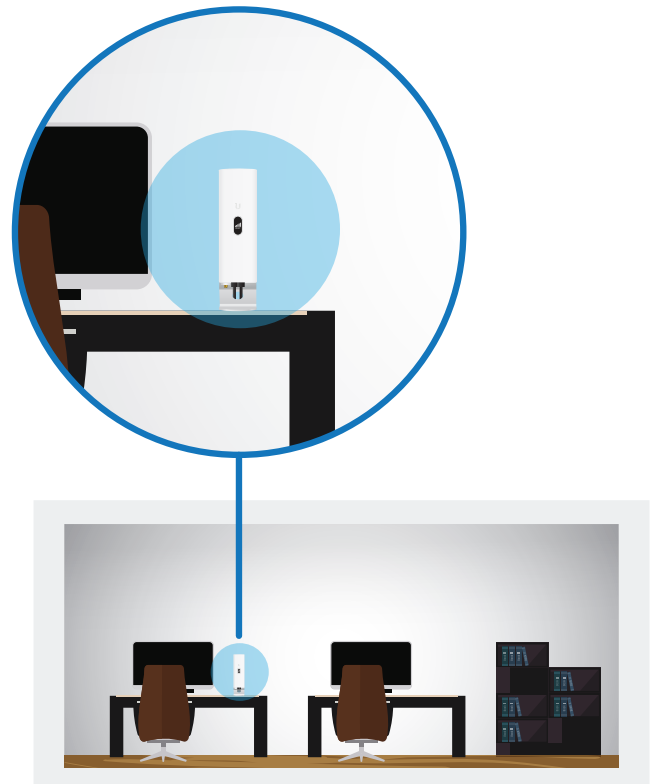
Mounting Flexibility

Mount the UniFi LTE in a location that receives a strong signal* from the AT&T LTE network. Wall, adhesive, and desktop mounting options are offered to suit your specific application.

* Bandwidth is dependent on coverage.



Wall Mount next to Window



Desktop Mount



Scalable UniFi Network Controller

Management Capabilities

The UniFi Network Controller can provision UniFi devices, map out networks, and quickly manage system traffic. Important network details are logically organized for a simplified, yet powerful, interface.

Network Overview

From a single pane of glass, view network topology and configuration, real-time statistics, and debugging metrics. Monitor your network's vitals and make on-the-fly adjustments as needed.

Deep Packet Inspection

Ubiquiti's proprietary Deep Packet Inspection (DPI) engine includes the latest application identification signatures to track which applications (and IP addresses) are using the most bandwidth.

Detailed Analytics

The UniFi Network Controller provides configurable reporting and analytics to manage large user populations and expedite troubleshooting. Advanced search and sorting capabilities make network management more efficient.

Multi-Site Management

A single controller running in the cloud can manage multiple sites: multiple, distributed deployments and multi-tenancy for managed service providers. Each site is logically separated and has its own configuration, maps, statistics, guest portal, and administrator accounts.

RF Environment

Detect and troubleshoot nearby interference, analyze radio frequencies, and choose optimal AP placement. The auto-optimize feature configures the UDM-B with best practice settings, and the included radio AI capability optimizes channel selection using a genetic algorithm.

Advanced RF Performance

RF performance and configuration features include spectral analysis, airtime fairness, band steering, and cell-size tuning.

LAN/WLAN Groups

Create multiple LAN and WLAN groups and assign them to the respective UniFi devices and VLAN tags.

Predictive Maps

Upload a map or use Google Maps to represent the areas where your UniFi devices are located. Use the predictive map feature* to get a preview of coverage, and to help you avoid dead spots.

Wireless Uplink

Wireless Uplink functionality enables wireless connectivity between APs for extended range, wireless adoption of APs in their default state, and real-time changes to network topology.

Guest Portal/Hotspot

Configure custom settings, including authentication, Hotspot setup, and the option to use your own external portal server.

* version 5.6 or higher



U-LTE	
Dimensions	66 x 202.12 x 32.2 mm (2.60 x 7.96 x 1.27")
Weight With Mounting	200 g (7.06 oz) 316 g (11.15 oz)
Interfaces Networking	(2) 10/100/1000 RJ45 Ports WP7603 LTE
Management	Ethernet, Bluetooth
Max Power Consumption	8.5W
Power Method	802.3at (Pairs 1, 2+; 3, 6-; Pairs 4, 5+; 7, 8-)
Power Supply	UniFi PoE Switch
Voltage Range	44 to 57VDC
LCM	1.54" Display
LTE Category	Cat 4
LTE Bands	B2/4/5/12
LTE Antenna	(1) 2x2
Operating Frequency	2400 - 2483.5 MHz
Mounting	Wall, Desktop
Operating Temperature	-10 to 50° C (14 to 122° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC, IC, PTCRB, AT&T

