



## 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 connectivity<sup>1</sup> 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.

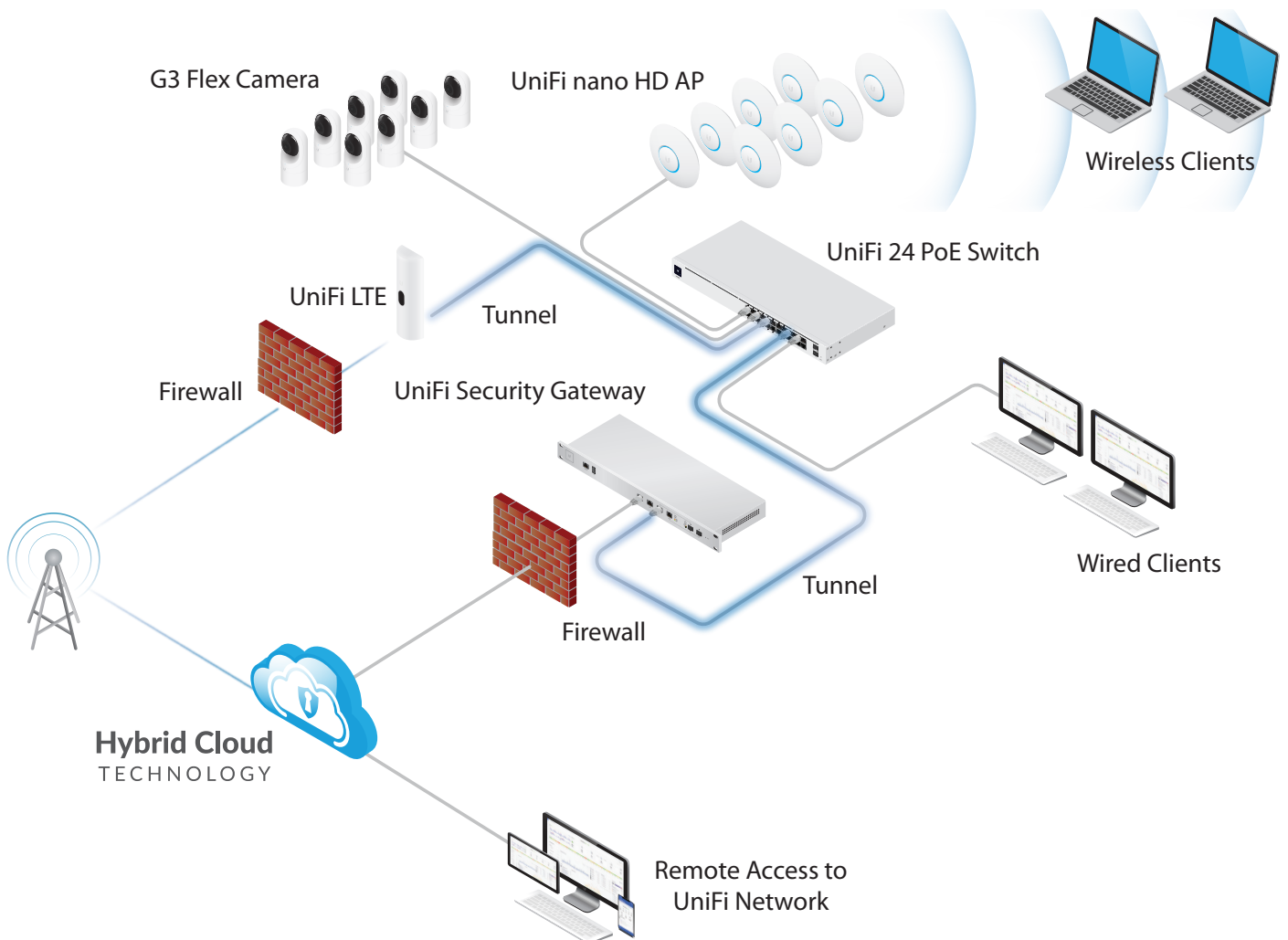
## Quick Setup

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](http://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 failover<sup>2</sup> when the primary WAN goes offline. You can manage your LTE subscription at: [account.ui.com/subscriptions](http://account.ui.com/subscriptions)

<sup>1</sup> Coverage and availability depends on the AT&T LTE network.  
<sup>2</sup> 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

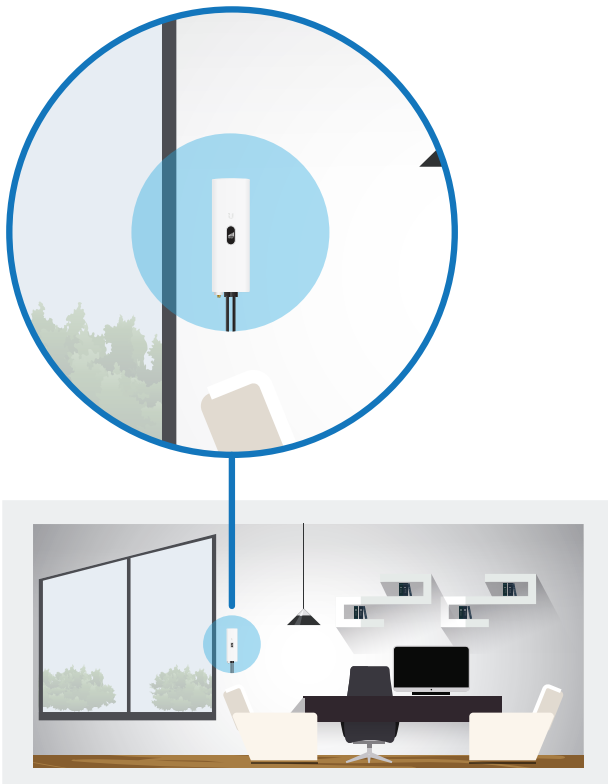
The UniFi LTE can be placed anywhere since it can be powered by 802.3at PoE+ from a UniFi PoE switch. There's no need to keep it in the server room or network closet.

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

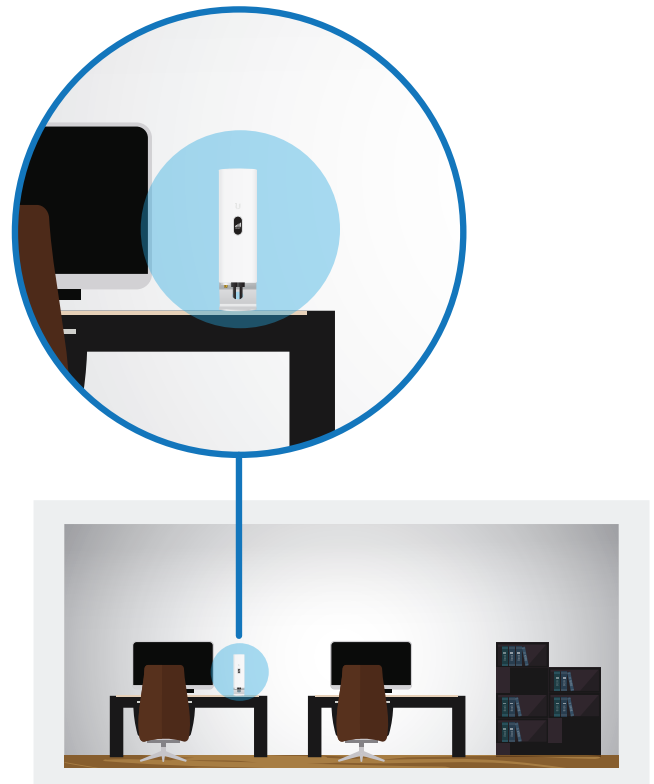
### Mounting Flexibility

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

