

Invincible WiFi™

Reliable internet is essential to modern business operations. But when connectivity or power is interrupted, organizations can quickly lose access to the applications, systems and services they depend on every day.

Stay connected through the unexpected

Invincible WiFi is a resilient business WiFi solution that helps organizations maintain connectivity during internet disruptions and power outages, keeping employees productive, customers connected and critical applications running.

Designed to complement Enterprise Internet, the service combines WiFi 7 technology, automatic 5G failover and an integrated eight-hour backup battery. Employees and connected devices remain on the same WiFi network without requiring manual intervention or device reconnections.

Invincible WiFi includes device and network management while helping organizations minimize disruptions through a simple, turnkey solution that's easy to deploy, manage and support.

A simpler approach to business continuity

When connectivity fails, organizations risk lost revenue, interrupted customer experiences and reduced employee productivity. By automatically maintaining internet access during disruptions, the service helps businesses continue serving customers, processing transactions and accessing cloud-based applications without requiring staff to manually switch networks or manage multiple backup devices.

Its integrated architecture sets Invincible WiFi apart from many competitive offerings. Rather than relying on separate equipment, manual failover or independently managed battery systems, it brings WiFi 7, automatic 5G failover with unlimited data and an integrated battery into a single solution. The result is a more seamless experience, with reliable connectivity to the same WiFi network even when the primary internet connection goes down.



Invincible WiFi includes a 5G embedded WiFi router and a battery.

The right fit for growing organizations

While designed for integrated resilience, Invincible WiFi is a practical, affordable offering for branch offices and growing organizations. It is not a replacement for dedicated internet, architected network redundancy or managed enterprise networking. The service fills an important role for organizations seeking reliable connectivity without the cost or complexity of advanced high-availability network designs.

Why Invincible WiFi

Invincible WiFi extends the Spectrum Business® connectivity portfolio, providing organizations with a simple, integrated resilience solution without enterprise-grade complexity. Backed by Spectrum Business installation, management and 100% US-based support, available 24/7, Invincible WiFi gives customers an easy way to strengthen their business continuity as their connectivity needs evolve.

[Learn more](#)

Product highlights

- Integrated WiFi 7, 5G failover and backup battery.
- Same WiFi network without device reconnection.
- AI-enabled Spectrum Security Shield technology.
- Centralized device management.
- Expert installation and ongoing support.

Product value

- Minimize operational disruptions during outages.
- Protect employee productivity and customer experiences.
- Replace fragmented backup solutions with one platform.
- Rely on professional deployment and ongoing support.
- Extend operational resilience cost-effectively.
- Simplify budgeting with predictable pricing.

Key features

- Automatic 5G failover in 15-30 seconds without device reconnection.
- Up to eight hours of battery backup.
- Unlimited 5G backup.
- Up to 10 Gbps WiFi speeds, low latency and 2,000 sq. ft. coverage.
- Security Shield automatic AI-enabled threat protection, even in backup mode.
- Self-service device and network management tools.

Spectrum Internet is powered by fiber and delivered to businesses via HFC. Actual speeds (including wireless) vary and are not guaranteed. Invincible WiFi is available with select plans and a compatible Spectrum Business router. Backup works only at the service address during outages; misuse may suspend service. Coverage varies. Includes an up to eight-hour battery. Speeds reduced after 100 Gb/month and not guaranteed.

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