

SHIELD MegaFi 2

High Power 5G Mobile Router for AT&T and FirstNet® Networks

↔ 6x Uplink Power 📶 Maximum Connectivity 📶 Increased Building Penetration 📶 5G Support



HPUE with 5G Support

SHIELD MegaFi 2 is an integrated high power 5G HPUE multi port router and Wi-Fi hotspot device that operates on all AT&T bands, including Band 14. It is the first device that combines 5G support with HPUE performance to bring reliable connectivity to FirstNet users for critical communications. MegaFi 2 features FirstNet® MegaRange™ technology to improve coverage in both rural expanses and dense urban areas.

How Nextivity Delivers 6x the Power to Extend Coverage

In standard devices, cellular connectivity (e.g., signal strength, range, and coverage) is limited by uplink power or the power they are allowed to use to transmit to the tower. These limits prevent interference and damage to the network. This creates an imbalance between uplink and downlink power – which is why in outlying areas you can often receive data / messages but cannot respond.

SHIELD MegaFi devices are the only solutions on the market that use FirstNet® MegaRange™ technology, enabled through a SIM card, that are 3GPP Power Class 1 devices. Power Class 1 devices allow +31 dBm power output (1.25 Watts), while standard Power Class 3 devices allow + 23 dBm (200 mW). Typical consumer cellular devices are Power Class 3.

Real-Life Benefits of FirstNet® MegaRange™

The increased uplink power provides a more robust, far-reaching signal. For users, this means better connectivity in rural areas and hard-to-reach places such as valleys, mountains, offshore, and wooded expanses. In urban areas, the extra power increases coverage in places like building shadows, underground, and in elevators.



SHIELD MegaFi 2



Extend Your Coverage:

Improve coverage in rural and dense urban areas

Increase Building Penetration:

Maintain communications deep inside modern structures and underground spaces that weaken signals

Wi-Fi Hotspot Supports Voice and Data:

Reliably stream / upload critical information from anywhere

Fixed, Mobile, and Portable Models:

Get the best connectivity where and when you need it with the highest power devices on the market

Nextivity SHIELD MegaFi routers are considered a Power Class 1 (PC1) device and are authorized for UP TO 1.25W, compared to traditional devices that are Power Class 3 that can reach up to 0.2W. Wattage may vary based on network variables and Band 14 availability. As of 2/15/2024, MegaFi is currently the only router in the United States classified as PC1.