



Integrations / **Mobile Routing**

## Mobile Router Industrial



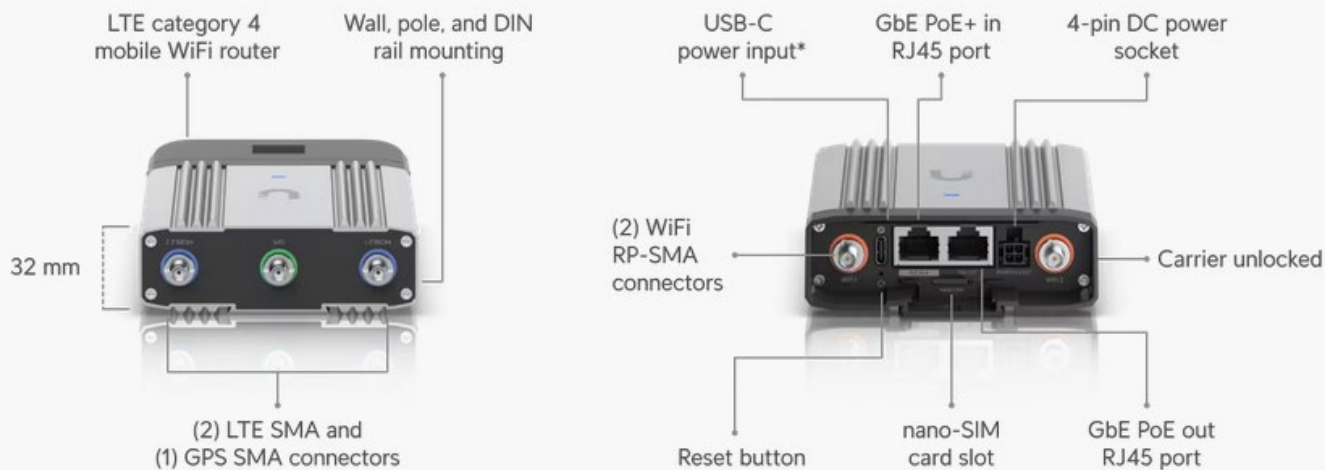
### Mechanical

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Dimensions          | Without antennas and outdoor cover: 114.5 x 93.6 x 32 mm (4.5 x 3.7 x 1.3") |
|                     | With antennas: 213 x 93.6 x 32 mm (8.3 x 3.7 x 1.3")                        |
|                     | With antennas and outdoor cover: 217 x 94 x 32 mm (8.5 x 3.7 x 1.3")        |
| Weight              | Device: 360 g (12.7 oz)                                                     |
|                     | Device with outdoor cover: 395 g (13.9 oz)                                  |
|                     | DIN rail/wall mounts: 25 g (0.9 oz)                                         |
| Enclosure material  | Polycarbonate, aluminum                                                     |
| Mount material      | Wall/pole mount: polycarbonate                                              |
|                     | DIN rail mount: polycarbonate                                               |
| Pole mount diameter | 1–2" on pipe outer diameter                                                 |
| Wind loading        | 38.8 N at 200 km/h (8.7 lbf at 125 mph)                                     |
| Weatherproofing     | Device with outdoor cover: IP66                                             |

### Hardware

|                              |                                                                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Management interface         | Ethernet                                                                                                                            |
|                              | WiFi                                                                                                                                |
| Networking interface         | (2) GbE RJ45 ports                                                                                                                  |
|                              | LTE Category 4 radio                                                                                                                |
| PoE interface                | WiFi 4                                                                                                                              |
|                              | (1) PoE input                                                                                                                       |
|                              | (1) PoE output* (Max. 10W)                                                                                                          |
| Power supply                 | *Requires a PoE+ switch.                                                                                                            |
|                              | UniFi PoE switch (48—54V DC)                                                                                                        |
|                              | USB Type-C (5V DC)                                                                                                                  |
|                              | 4-pin* ATX DC power socket (9—30V DC)                                                                                               |
|                              | *Pin 1 for Power + and Pin 2 for Ground –. Please refer to the <a href="#">Installation Guide</a> for detailed power socket pinout. |
| Max. power consumption 12.5W |                                                                                                                                     |

|                                  |                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIM                              | nano-SIM (4FF)                                                                                                                                                                                                                                                                                                   |
| LTE bands                        | B2, B4, B5, B12, B13, B14, B25, B26, B66, B71                                                                                                                                                                                                                                                                    |
| LTE throughput speed*            | Download 150 Mbps / Upload 50 Mbps<br>*Speed depends on network coverage and performance at the device location.                                                                                                                                                                                                 |
| WiFi standards                   | 802.11 b/g/n, WiFi 2.4G, 20/40 MHz                                                                                                                                                                                                                                                                               |
| Max. WiFi TX power               | 22 dBm                                                                                                                                                                                                                                                                                                           |
| WiFi MIMO                        | 2 x 2                                                                                                                                                                                                                                                                                                            |
| GPS                              | Yes                                                                                                                                                                                                                                                                                                              |
| Antenna SMA ports                | (1) Mobile 1: SMA female connector, supports 1Tx and 1Rx<br>(1) Mobile 2: SMA female connector, supports 1Rx only<br>(1) GPS: SMA female connector<br>(2) WiFi: RP-SMA female connectors<br>Note: Ensure all SMA / RP-SMA connectors are secured with antennas or the provided caps to maintain weatherproofing. |
| External antennas                | (2) Mobile/LTE antennas with SMA male connectors<br>(1) GPS antenna with SMA male connector<br>(2) WiFi antennas with RP-SMA male connectors                                                                                                                                                                     |
| LED                              | Status: blue/white                                                                                                                                                                                                                                                                                               |
| Button                           | Factory reset                                                                                                                                                                                                                                                                                                    |
| Mounting                         | DIN rail/wall/pole mount (Included)                                                                                                                                                                                                                                                                              |
| Ambient operating temperature    | -40 to 70° C (-40 to 158° F)                                                                                                                                                                                                                                                                                     |
| Ambient operating humidity       | 5 to 95% noncondensing                                                                                                                                                                                                                                                                                           |
| Certifications                   | FCC, IC, PTCRB, GCF, AT&T, T-Mobile, Verizon, Wi-Fi Alliance®                                                                                                                                                                                                                                                    |
| <b>Supported WiFi Data Rates</b> |                                                                                                                                                                                                                                                                                                                  |
| 802.11b                          | 1, 2, 5.5, 11 Mbps                                                                                                                                                                                                                                                                                               |
| 802.11g                          | 6, 9, 12, 18, 24, 36, 48, 54 Mbps                                                                                                                                                                                                                                                                                |
| 802.11n (WiFi 4)                 | 6.5 Mbps to 300 Mbps (MCS0 - MCS7, HT 20/40)                                                                                                                                                                                                                                                                     |



\*USB-C, 5V DC, 3A adapter included.