

## Tech Specs

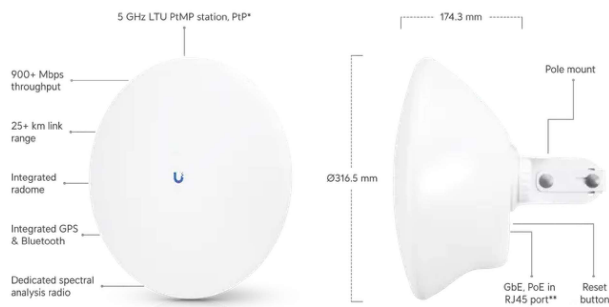
UniFi UISP Branding

60 GHz Wireless Wireless Fiber Wired Accessory Tech

Wireless / LTU Professional

Datasheet

Marketing Images



\*Supports PnP mode from 1.5.1 and later 1.5.x series. Compatible with LTU devices.  
\*\*24V DC, 0.5A GbE PoE adapter included.

### Mechanical

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Dimensions         | 316.5 x 316.5 x 174.3 mm (12.46 x 12.46 x 6.86") |
| Weight             | 1.3 kg (2.87 lb)                                 |
| Enclosure material | UV-stabilized polycarbonate                      |
| Mounting           | Pole mount (Kit included)                        |
| Wind loading       | 150 N at 200 km/h (33.72 lbf at 125 mph)         |
| Wind survivability | 200 km/h (125 mph)                               |

### Hardware

|                         |                                          |
|-------------------------|------------------------------------------|
| Networking interface    | (1) GbE RJ45 port                        |
| Power method            | 24V Passive PoE (Pairs 4, 5+; 7, 8-)     |
| Power supply            | 24V, 0.5A Gigabit PoE adapter (Included) |
| Supported voltage range | 22-26V DC                                |
| Max. power consumption  | 9W                                       |
| ESD/EMP protection      | Air/contact: $\pm 24$ kV                 |
| Operating temperature   | -40 to 60° C (-40 to 140° F)             |
| Operating humidity      | 10 to 90% noncondensing                  |
| Certifications          | CE, FCC, IC                              |

### Software

|                                      |                                                                                         |
|--------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Modes</b>                         | PtMP CPE, PtP*<br>*1.5.1 and later 1.5.x series firmware.                               |
| <b>Services</b>                      | SNMP, SSH, dynamic DNS, webserver, remote log, ping watchdog                            |
| <b>Utilities</b>                     | airView®, speed test, alignment, discovery, ping, traceroute, cable test, constellation |
| <b>Auto distance adjustment</b>      | Yes                                                                                     |
| <b>Auto power adjustment</b>         | Yes                                                                                     |
| <b>Network</b>                       | Bridge/Router* mode<br>*Router mode is available in PtMP CPE mode only.                 |
| <b>Security</b>                      | Yes                                                                                     |
| <b>Statcal reporting</b>             | Yes                                                                                     |
| <b>Management interface</b>          | Bluetooth management for easy setup over UISP App<br>WEB UI                             |
| <b>Minimum software requirements</b> | Any modern web browser<br>iOS™ or Android™ based smartphone                             |

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## System

|                              |                                            |
|------------------------------|--------------------------------------------|
| <b>Maximum throughput</b>    | 900+ Mbps*<br>*FW version 2.3.0 and later. |
| <b>Encryption</b>            | WPA2-PSK (AES)                             |
| <b>Uplink/downlink ratio</b> | 25/75, 33/67, 50/50                        |

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## RF

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| <b>Operating frequency*</b>    |                                                                        |
| <b>US/CA</b>                   |                                                                        |
| <b>U-NII-1</b>                 | 5150 - 5250 MHz                                                        |
| <b>U-NII-2A</b>                | 5250 - 5350 MHz                                                        |
| <b>U-NII-2C</b>                | 5470 - 5725 MHz                                                        |
| <b>U-NII-3</b>                 | 5725 - 5850 MHz                                                        |
| <b>EU</b>                      | 2400 - 2483.5 MHz<br>5150 - 5875 MHz                                   |
| <b>Worldwide</b>               | 2400 - 2483.5 MHz<br>4800 - 6200 MHz<br>*Depends on regulatory region. |
| <b>Max. conducted TX power</b> | 22 dBm (per chain)                                                     |
| <b>Channel bandwidth</b>       | 10/20/30/40/50/60/80/100 MHz*<br>*FW version 2.3.0 and later.          |
| <b>Antenna gain</b>            | 24 dBi                                                                 |
| <b>Beamwidth</b>               | 14°                                                                    |
| <b>Sidelobe level</b>          | -10 dB                                                                 |
| <b>Front-to-back ratio</b>     | 27 dB                                                                  |

### Stay in Touch

