



## Ubiquiti U7-Pro-Max | Access Point | WiFi7, 6GHz, 1x RJ45 2.5Gbps



link to the product:

<https://www.batna24.com/gb/p/access-points/ubiquiti-u7-pro-max-access-point-wifi7-6ghz-1x-rj45-25gbps>

Price: **1,225.73 zł** gross / 996.53 zł net



Manufacturer: UBIQUITI

Referention number: DNXXGNHJDRMLLM

### Information:

Ubiquiti U7 Pro Max is a Wi-Fi 7 access point for the UniFi system, designed for use in high-traffic environments and to support up to 500 users simultaneously. It offers three bands, 2.4/5/6 GHz, a 320 MHz channel width, 4096QAM and MLO, which translates into higher throughput, lower latency and more stable connections. The 2.5G Ethernet port with PoE+ 802.3at provides a fast uplink and convenient power supply over a single cable. The device can be mounted on the ceiling or wall, and the stated range of up to 160 m2 works well in offices, conference rooms and public spaces.

### Product features

|                            |              |
|----------------------------|--------------|
| Height                     | 46 mm        |
| Antenna type               | Internal     |
| LED indicators             | Yes          |
| Width                      | 206 mm       |
| Depth                      | 206 mm       |
| Security algorithms        | PPSK         |
| Mounting kit               | Yes          |
| Compliance certificates    | CE           |
| Maximum data transfer rate | 5700 Mb/s    |
| Power consumption (max)    | 22 W         |
| Rate limiting              | Yes          |
| Humidity measurement range | 5 - 95%      |
| Networking standards       | IEEE 802.11a |
| Ethernet LAN (RJ-45) ports | 1            |
| Antenna gain level (max)   | 5.9 gain     |

|                                  |                 |
|----------------------------------|-----------------|
| DC voltage range                 | 44 V            |
| Operating temperature (T-T)      | -30 - 60 °C     |
| Quality of Service (QoS) support | Yes             |
| VLAN support                     | Yes             |
| Reset button                     | Yes             |
| Ethernet LAN data rates          | 2500 Mb/s       |
| Power over Ethernet (PoE)        | Yes             |
| MIMO type                        | Multi User MIMO |
| MIMO                             | Yes             |
| Placement                        | Ceiling         |
| Product colour                   | White           |
| Spatial streams                  | 8               |
| Throughput data rate             | 5765 Mb/s       |
| Watch case material              | Aluminium       |
| Recommended usage                | Indoor          |
| 6 GHz                            | Yes             |
| 5 GHz                            | Yes             |
| 2.4 GHz                          | Yes             |
| Sustainability compliance        | Yes             |
| Product weight                   | 680 g           |

## Full product description

### Stable Wi-Fi 7 for many users

Ubiquiti U7 Pro Max is a **Wi-Fi 7** network access point designed to work in the **UniFi** system. It supports the **2.4 GHz, 5 GHz and 6 GHz** bands, making it suitable for locations with heavy network traffic. In practice, this means higher throughput, less congestion and better support for multiple devices at the same time.



### Key benefits

- **Wi-Fi 7** – higher throughput and more efficient operation in environments with a large number of devices.
- **Up to 500 users** – support for crowded spaces such as conference, exhibition or concert halls.
- **Three operating bands** – better load distribution between devices and more stable connections.
- **2.5G Ethernet port** – faster network uplink that reduces the wired-side bottleneck.
- **PoE+ 802.3at** – a single network cable connection for data transmission and power.
- **Ceiling or wall mounting** – easier adaptation of the device to the room layout.



### Performance across three bands

The device supports **IEEE 802.11 b/g/n/ax/be** standards in the 2.4 GHz band, **IEEE 802.11 a/n/ac/ax/be** in 5 GHz and **IEEE 802.11 be** in 6 GHz. Maximum theoretical throughput is **688 Mb/s, 8648 Mb/s and 5765 Mb/s** respectively. These parameters support operation where many computers, phones and terminals are active at the same time.



### Lower latency and greater efficiency

The use of **320 MHz** channels and **4096QAM** modulation increases transmission capabilities compared with the Wi-Fi 6E standard. In practice, the device handles heavy network traffic better and reduces performance drops during peak hours. The **MLO** function additionally uses all three bands simultaneously, improving connection smoothness.



### Central management in UniFi

The access point operates under **UniFi** software, which brings the configuration of multiple devices together in one application. As a result, updating, changing hotspot settings or monitoring the network can all be done from a single panel instead of several separate tools. The system also supports hotspot solutions and monitoring from the **Protect** series.



## PoE+ power and 2.5G port

The model is equipped with **1 2.5G Ethernet port** with a throughput of **1000 / 2500 Mb/s**, which also serves as the **PoE+** power input. Maximum power consumption is **22 W**, so the device requires a power supply compliant with the **802.3at** standard or a suitable switch. The power supply is not included.



## Coverage suited to the space

The built-in integrated omnidirectional antennas offer a gain of **4 dBi** at 2.4 GHz, **6 dBi** at 5 GHz and **5.9 dBi** at 6 GHz. The manufacturer states coverage of up to **160 m2**, which works well in offices, meeting rooms and larger service areas. Actual range depends on the number of walls, furniture and radio interference.



## Easy ceiling and wall mounting

The housing is designed for ceiling, wall or flush-mounted electrical box installation. The set includes a mounting bracket as well as screws and wall plugs, which simplifies installation in typical access point locations in offices, service premises and public spaces. This mounting method makes it easier to route the network neatly without taking up space on a desk or shelf.

