



## Ubiquiti Wave-MLO5 | Access point | WiFi 7, 5GHz, 1x 10 GbE RJ45, 1x SFP+, IPX6



link to the product:

<https://www.batna24.com/gb/p/access-points/ubiquiti-wave-mlo5-access-point-wifi-7-5ghz-1x-10-gbe-rj45-1x-sfp-ipx6>

Price: **1,693.61 zł** gross / 1,376.92 zł net



Manufacturer: UBIQUITI

Referention number: DNXXGJOKJHRMMJK



### Product features

|                                    |                     |
|------------------------------------|---------------------|
| Product type                       | Network bridge      |
| Height                             | 249.3 mm            |
| Antenna type                       | 2x2                 |
| LED indicators                     | GPS                 |
| Modulation                         | 1024-QAM            |
| Width                              | 82 mm               |
| Depth                              | 47.6 mm             |
| Connectivity technology            | Wired & Wireless    |
| Security algorithms                | AES                 |
| RAM type                           | DDR4                |
| Network Time Protocol (NTP) client | Yes                 |
| Compliance certificates            | CE                  |
| Maximum data transfer rate         | 5000 Mb/s           |
| Power consumption (max)            | 20 W                |
| Humidity measurement range         | 5 - 95%             |
| Operating temperature (T-T)        | -40 - 140 °F        |
| Ethernet LAN interface type        | 10 Gigabit Ethernet |
| Ethernet LAN (RJ-45) ports         | 1                   |
| Power LED                          | Yes                 |
| Processor family                   | ARM Cortex          |
| DC input voltage                   | 44 V                |
| Material                           | Aluminium           |

|                                    |                     |
|------------------------------------|---------------------|
| Operating temperature (T-T)        | -40 - 60 °C         |
| Reset button                       | Yes                 |
| Processor frequency                | 1500 MHz            |
| International Protection (IP) code | IPX6                |
| Power over Ethernet (PoE)          | Yes                 |
| Internal memory                    | 1000 MB             |
| Wi-Fi band                         | Single-band (5 GHz) |
| Wi-Fi                              | Yes                 |
| Ethernet LAN                       | Yes                 |
| Top Wi-Fi standard                 | Wi-Fi 7 (802.11be)  |
| Processor model                    | Cortex-A53          |
| Processor manufacturer             | ARM                 |
| Power source type                  | PoE                 |
| Product colour                     | White               |
| Maximum transfer distance          | 100000 m            |
| Mounting hardware type             | Pole                |
| Antenna connector type             | RP-SMA              |
| Product weight                     | 575 g               |

## Full product description

### Ubiquiti Wave-MLO5 - an access point with concrete potential

Looking for equipment that provides **stable transfer, high throughput and long range** in the 5 GHz band? The Ubiquiti Wave-MLO5 is an **access point** designed to work in harsh environments, with an emphasis on reliable wireless connections. The manufacturer - **Ubiquiti Networks** - has focused on performance, which is why this model is an interesting solution for both ISPs (Internet Service Providers) and extended corporate or industrial networks.



### WiFi 7 - a new stage in wireless data transfer

This Ubiquiti access point supports **Wi-Fi Standard 7** (IEEE 802.11be - the next-generation wireless networking standard), which **increases throughput, reduces latency** and improves operation in a congested band. The technology uses wider channels - up to 320 MHz - and **4096-QAM** (Quadrature Amplitude Modulation) modulation, which significantly speeds up data transmission. This solution allows you to enjoy smooth streaming, video calls and cloud work - without buffering or interruptions.



## 5 GHz antenna with 2x2 MIMO technology

The device uses **MIMO** (Multiple Input Multiple Output) technology in a **2x2** configuration, which means simultaneous transmission of two data streams on two antennas in the **5 GHz** band. This approach increases both the speed and **stability of the connection**, even with multiple users. The **RP-SMA** (Reverse Polarity SubMiniature version A antenna connector) connectors are waterproof, allowing for the safe installation of external antennas.



## 10 GbE and SFP ports - flexible wired connections

The Wave-MLO5 has **an RJ45 10 GbE** (Gigabit Ethernet - high-speed network connector) **port** and **an SFP** (Small Form-factor Pluggable Plus - high-bandwidth fiber module) **port**, enabling integration with both copper and fiber networks. **RJ45** provides high speeds over shorter distances, while **SFP** allows data transfer over long distances. This combination gives you full flexibility when designing your network.



## IPX6 rated resistance - prepared for anything

The access point's housing is made of UV-resistant aluminum and polycarbonate, and its **IPX6** (Ingress Protection - water and dust resistant) rating protects the device from strong water jets. The equipment works reliably in temperatures from **-40 to 60°C**, making it suitable for installation in various weather conditions. Thanks to a robust mounting system with a steel band, installation on the mast is quick and safe.

