

Item no.: UF-WIFI6

## UF-WIFI6 - UFiber WiFi6 GPON CPE

**104,53 EUR**

Item no.: UF-WIFI6  
 shipping weight: 0.50 kg  
 Manufacturer: Ubiquiti



### Product Description

#### UF-WIFI6 - UFiber WiFi6 GPON CPE

The UFiber WiFi6 GPON CPE (UF WiFi6) is a point-to-multipoint WiFi 6 device that creates high-speed GPON connections capable of reaching a 2.4 Gbps downstream rate and 1.2 Gbps upstream rate. The UF WiFi6 has (4) GbE RJ45 LAN ports and (1) GPON WAN port to connect a local fiber line. It also excels at establishing reliably strong, long-distance fiber links up to 20 kilometers, allowing you to extend your service range and build your customer base.

#### Mechanical

- Dimensions: 140.8 x 141.5 x 31.65 mm (5.54 x 5.57 x 1.25")
- Weight: 415 g (0.99 lb)
- Enclosure material: UV-stabilized polycarbonate

#### Hardware

- Processor: Dual-core MIPS 1004 Kc at 900 MHz
- Memory: 256 MB RAM
- Total non-blocking line rate: 2.488 Gbps downstream; 1.244 Gbps upstream
- Networking interfaces: 1x SC/APC, ITU-G.984 GPON WAN port; 4x GbE RJ45 LAN ports; WiFi 802.11ax 5/2.4 GHz channels
- PoE interface: 1x PoE in, 24 V passive PoE
- Management interface: Ethernet in-band; PON
- Button: Factory-reset
- Max. power consumption: 11 W
- Power method: USB-C 5 VDC, 3 A; 24 V passive PoE, 0.5 A
- Power supply: 5 V DC, 3 A power adapter, 1.5 m cord (included); Passive PoE 2-pair (4, 5+; 7, 8-)
- Supported voltage range: 10 to 30 V DC passive PoE; 5 V DC adapter
- Normal TX range of optical module: 0.5 to 5 dBm
- Normal RX range of optical module: -8 to -28 dBm
- Max. WiFi TX power: 2.4 GHz: 20 dBm; 5 GHz: 20 dBm
- MIMO: 2.4 GHz: 2x2; 5 GHz: 2x2
- Max. WiFi radio rate: 2.4 GHz: 300 Mbps; 5 GHz: 1.2 Gbps
- Antenna gain: 2.4 GHz: 1 dBi; 5 GHz: 3 dBi
- Operating temperature: -15°C to 45°C (5°F to 113°F)
- Operating humidity: 10 to 90% non-condensing
- Certifications: FCC, IC, CE

#### Software

- Mode: ONU/ONT layer 2/3 Ethernet switch
- Services: Web server, telnet, NAT, bridging and routing, firewall features, and application passthrough features
- Utilities: Dashboard, monitoring, alarms, and logs
- Other: Remote reset, remote reboot, remote firmware upgrade, VLAN support
- Security: GEM Port Encryption
- Ubiquiti specific features: Ubiquiti Discovery and UISP Mobile app
- WiFi standards: 802.11 b/g; WiFi 4/WiFi 5/WiFi 6
- Wireless security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3, TKIP/AES)
- Minimum software requirements: Any modern web browser (Google Chrome™ recommended)

#### Fiber

- Operating wavelength: 1310 nm TX/1490 nm RX
- Optical interface downstream nominal bit rate: 2488.32 Mbit/s
- Optical interface upstream nominal bit rate: 1244.16 Mbit/s
- Physical reach: 20 km

## Specifications

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