



Ubiquiti AF60-LR | Radioline | AirFiber Long Range, 60GHz, 1x RJ45 1000Mb/s, 43dBi, GPS



link to the product:

<https://www.batna24.com/gb/p/radio-lines/ubiquiti-af60-lr-radioline-airfiber-long-range-60ghz-1x-rj45-1000mb-s-43dbi-gps>

Price: **1,339.80 zł** gross / 1,089.27 zł net



Manufacturer: UBIQUITI

Referention number: DNXXGQQPKRMNKJ

Product features

Regulatory Approvals	FCC, IC, CE
Product type	Network bridge
LED indicators	LAN
Depth	360 mm
Connectivity technology	Wired & Wireless
Security algorithms	AES
RAM type	DDR3
Maximum data transfer rate	1800 Mb/s
Power consumption (max)	18 W
Antenna diameter	413 mm
Humidity measurement range	5 - 95%
Harmonized System (HS) code	85176990
Ethernet LAN interface type	Gigabit Ethernet
Ethernet LAN (RJ-45) ports	1
Power LED	Yes
Material	Aluminium
Operating temperature (T-T)	-40 - 60 °C
Frequency band	60 GHz
Minimum system requirements	Modern Web Browser or Android/iOS Smartphone
Web-based management	Yes
Internal memory	256 MB
Ethernet LAN	Yes

Power over Ethernet (PoE) voltage	48 V
Power source type	PoE
Antenna design	External
Product colour	White
Maximum transfer distance	12000 m
Mounting hardware type	Pole
Product weight	2700 g

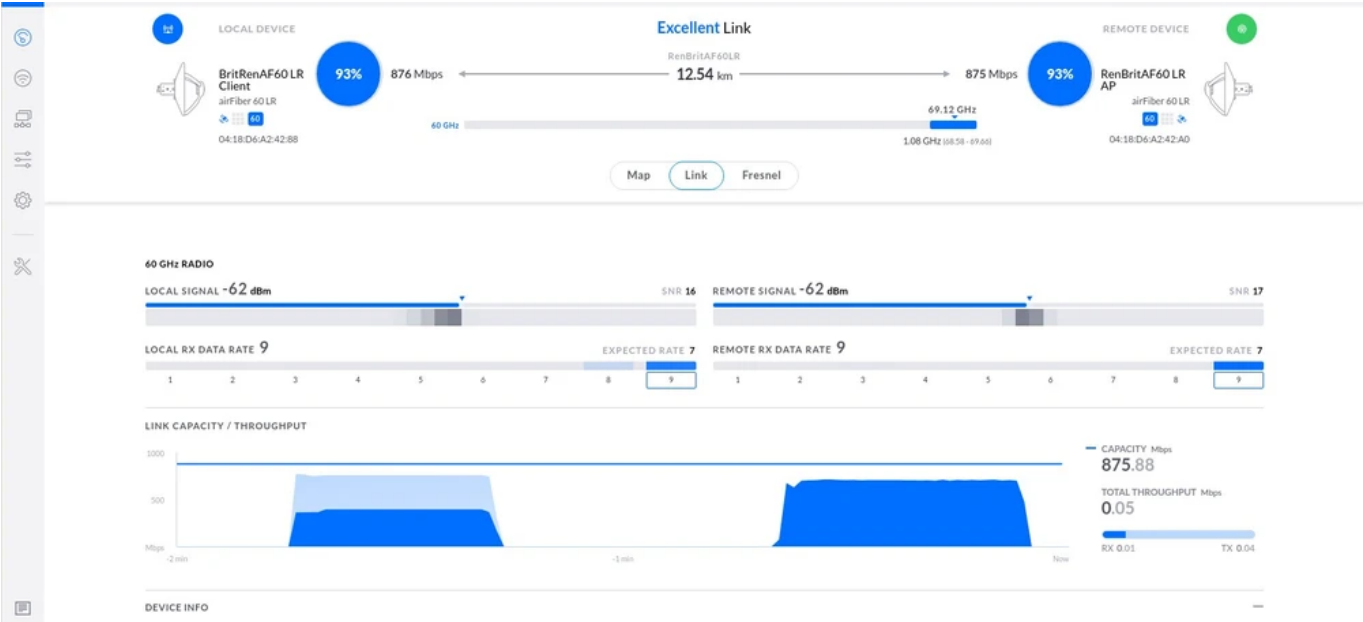
Full product description

Ubiquiti airFiber 60 LR (AF60-LR)

The **airFiber 60 GHz LR** radio system with wave technology and true duplex gigabit performance is designed for long distance PtP links. With the AF60-LR, it is possible to establish links at distances greater than **12 km**, while the regular [airFiber 60 \(AF60\)](#) is only designed for 2+ km.

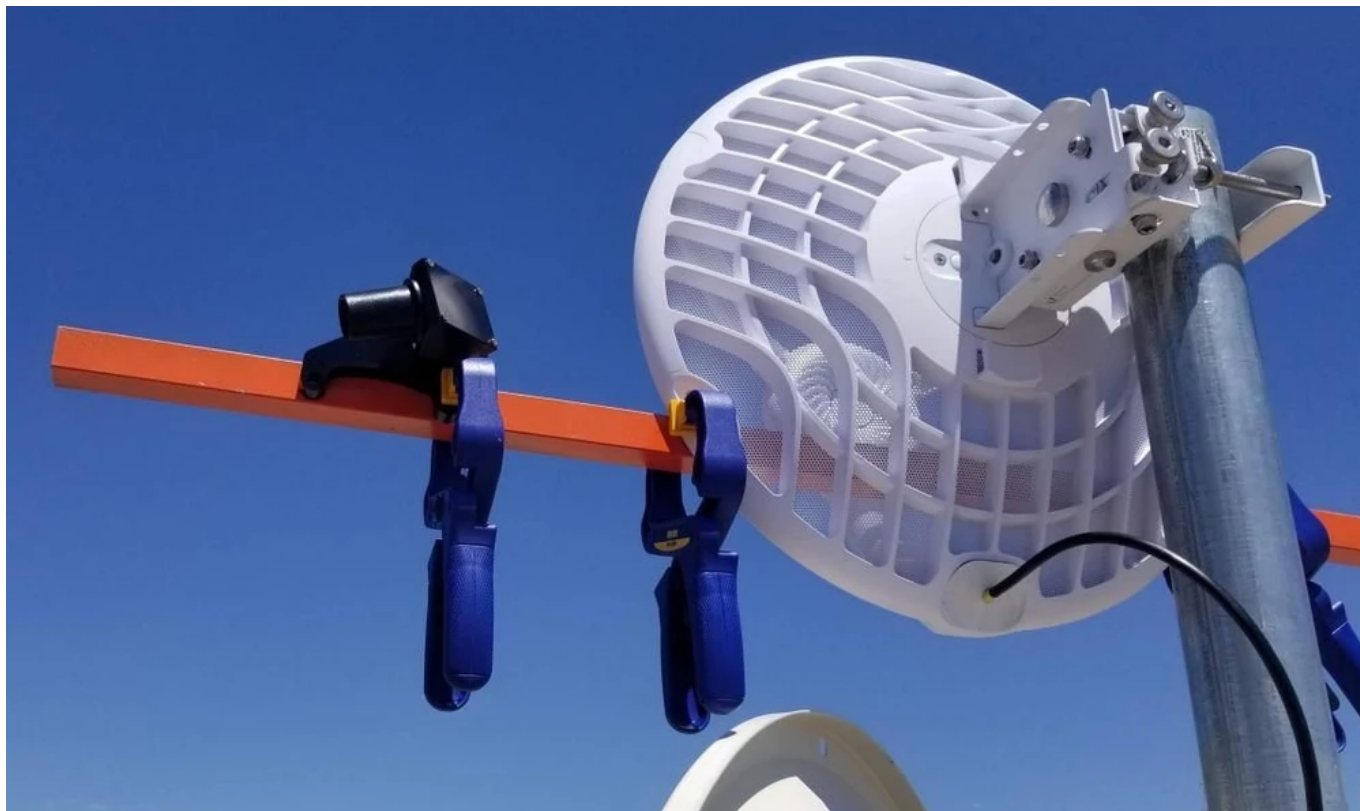
Hardware

At the heart of the AF60-LR is a powerful **Quad-Core ARM Cortex A7** CPU, which along with 256 MB of DDR3 RAM provides excellent performance. There is one 10/100/1000 Mbps RJ45 Ethernet port for network connection. The **airFiber 60 Long Range** operates in the **57 - 71 Ghz** frequency range, depending on the region. It simultaneously supports **2160 and 1080 Mhz** channel widths. The maximum transmitter power is 21 dBm and the antenna gain is 43 dBi, which provides data transmission **over 12 km** in line of sight. The maximum throughput can reach **1.8 Gbps**. Despite quite powerful parameters, the device is very compact and light - Ø413 mm and weighs **only 1.5 kg** (about 2.7 kg with the mount). The access point is powered using Passive PoE (Pairs 4, 5+; 7, 8-) via 48vdc, **0.65 A Gigabit PoE** adapter. The device is designed for outdoor use and can adequately withstand temperature conditions ranging from -40 to 60° C.



Ubiquiti airFiber 60 LR features

The AF60 LR is a **60 GHz** radio module designed for high performance communication in the extended band. AirFiber 60 LR has a built-in **43 dBi** high-gain antenna for high-speed point-to-point (PtP) communication channels over long distances. The new **WaveTechnology** provides amazing long-distance performance in the 60 GHz band and delivers transmission rates of over **1.8 Gbps**.



Advantage:

- 60 GHz low interference spectrum
- Built-in GPS
- Long range, up to 12 km
- A mount for precise alignment included
- Quick setup using the UISP application

The access point includes a built-in Bluetooth Radio Control Module for easy setup. There is also a built-in GPS.