

Item no.: PBE-5AC-500

## PBE-5AC-500 - NanoBeam M5, 560 MHz, 128 MB RAM

from **147,80 EUR**

Item no.: PBE-5AC-500  
shipping weight: 5.60 kg  
Manufacturer: Ubiquiti



### Product Description

NanoBeam M5, NBE-M5AC-500 / PBE-5AC-500, 5 GHz, 27 dBi, 500 mm

Using airMAX ac technology, the PBE-5AC-500 supports up to 450+ Mbps real TCP/IP throughput. It launches with PtP functionality, and a client mode feature will be added with a future firmware upgrade. The PBE-5AC-500 also includes a protective radome to shield the radio from the elements.

Starting with the first-generation NanoBridge, pioneered the all-in-one design for an airMAX product functioning as a CPE (Customer Premises Equipment). Now launches the latest generation of CPE, the PowerBeam(TM). Improved Noise Immunity

The PowerBeam directs RF energy in a tighter beamwidth. With the focus in one direction, the PowerBeam blocks or spatially filters out noise, so noise immunity is improved. This feature is especially important in an area crowded with other RF signals of the same or similar frequency. Integrated Design

s InnerFeed(TM) technology integrates the radio into the feedhorn of an antenna, so there is no need for a cable. This improves performance because it eliminates cable losses. Providing increased performance from its faster processor and innovative mechanical design at a low cost, the PowerBeam is extremely versatile and cost - effective to deploy. airMAX Technology Included

Unlike standard Wi-Fi protocol, s Time Division Multiple Access (TDMA) airMAX protocol allows each client to send and receive data using pre-designated time slots scheduled by an intelligent AP controller. This time slot method eliminates hidden node collisions and maximizes airtime efficiency. It provides significant performance improvements in latency, throughput, and scalability compared to all other outdoor systems in its class.

- Intelligent QoS: Priority is given to voice/video for seamless streaming.
- Scalability: High capacity and scalability.
- Long Distance: Capable of high-speed, carrier-class links

#### Innovative Mechanical Design

- Built-in mechanical tilt: The mounting bracket conveniently offers 20° of uptilt and up to 20° of downtilt.
- Quick assembly: The number of fasteners was reduced to simplify assembly. Tools are required only when the technician mounts the PowerBeam on the pole.
- Easy removal: The antenna feed can be detached with the push of a button.

#### Corrosion Resistance

- Fasteners: GEOMET-coated for improved corrosion resistance when compared with zinc-plated fasteners.
- Dish and brackets: Made of galvanized steel that is powder- coated for superior corrosion resistance. Redesigned pole bracket for the 500 and 400 mm dish and fender washers for the 300 mm dish prevent paint from being removed from the metal brackets for improved corrosion resistance.
- Processor specs: Atheros MIPS 74Kc, 560 MHz
- Memory: 128 MB DDR2, 8 MB Flash
- Networking interface: (1) 10/100/1000 Ethernet port
- Wireless approvals: FCC, IC, CE
- RoHS compliance: Yes

### Specifications

**Scan this QR code to  
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All details, up-to-date  
prices and availability



