

# Ubiquiti NanoBeam 5AC Gen 2

---



<b>Artikel</b>	820396
<b>Herstellernummer</b>	NBE-5AC-GEN2
<b>EAN</b>	0810354026348
Ubiquiti	

Incorporating innovative industrial design with proprietary airMAX ac technology, the NanoBeam AC is ideal for CPE deployments requiring maximum performance from the smallest possible footprint.

## **Management Wi-Fi Radio**

The NanoBeam AC integrates a separate Wi-Fi radio for fast and easy setup using your mobile device.

## **Improved Surge Protection**

The NanoBeam AC features enhanced protection against ESD events.

## **Superior Processing**

Ubiquiti's airMAX engine with custom IC dramatically improves TDMA latency and network scalability. The custom silicon provides hardware acceleration capabilities to the airMAX scheduler, to support the high data rates and dense modulation used in airMAX ac technology.

## **Incredible Antenna "Beam" Performance**

The form factor of the NanoBeam AC features the highest gain for its size. The NanoBeam AC's excellent beam directivity provides the best performance in high-noise environments.

## **Performance Breakthrough**

airMAX ac products offer improved latency, noise immunity, scalability and significantly increased throughput performance.

## **Advanced Software Technology**

Ubiquiti's airMAX technology is proven in millions of deployments worldwide, exhibiting outstanding performance in outdoor environments. The TDMA airMAX protocol enables unprecedented scalability, high throughput and low latency in unlicensed, multipoint networks.

## **Plug and Play Installation**

The NanoBeam AC mounts to a variety of surfaces including poles or walls, and offers the freedom of three-axis alignment. No screws are required for pole-mounting, and only a single wall screw (not included) is required for wall-mounting.

## **Now with airOS8**

airOS@8 provides powerful features, including airMAX ac protocol support, real-time RF analytics, and an all-new design for enhanced usability.

## Zusammenfassung

---

Incorporating innovative industrial design with proprietary airMAX ac technology, the NanoBeam AC is ideal for CPE deployments

requiring maximum performance from the smallest possible footprint.

### Management Wi-Fi Radio

The NanoBeam AC integrates a separate Wi-Fi radio for fast and easy setup using your mobile device.

### Improved Surge Protection

The NanoBeam AC features enhanced protection against ESD events.

### Superior Processing

Ubiquiti's airMAX engine with custom IC dramatically improves TDMA latency and network scalability. The custom silicon provides hardware acceleration capabilities to the airMAX scheduler, to support the high data rates and dense modulation used in airMAX ac technology.

### Incredible Antenna "Beam" Performance

The form factor of the NanoBeam AC features the highest gain for its size. The NanoBeam AC's excellent beam directivity provides the best performance in high-noise environments.

### Performance Breakthrough

airMAX ac products offer improved latency, noise immunity, scalability and significantly increased throughput performance.

### Advanced Software Technology

Ubiquiti's airMAX technology is proven in millions of deployments worldwide, exhibiting outstanding performance in outdoor environments. The TDMA airMAX protocol enables unprecedented scalability, high throughput and low latency in unlicensed, multipoint networks.

### Plug and Play Installation

The NanoBeam AC mounts to a variety of surfaces including poles or walls, and offers the freedom of three-axis alignment. No screws are required for pole-mounting, and only a single wall screw (not included) is required for wall-mounting.

### Now with airOS8

airOS®8 provides powerful features, including airMAX ac protocol support, real-time RF analytics, and an all-new design for enhanced usability.

Ubiquiti NanoBeam 5AC Gen 2, Network bridge, 450 Mbit/s, Wi-Fi, Ethernet LAN, White

Ubiquiti NanoBeam 5AC Gen 2. Maximum data transfer rate: 450 Mbit/s, Maximum transfer distance: 15000 m. Antenna gain level (max): 19 dBi. Frequency band: 5.15 - 5.875; 5.15 - 5.25; 5.25 - 5.35; 5.47 - 5.725; 5.725 - 5.85 GHz, Modulation: 16-QAM, 64-QAM, 256-QAM, BPSK, QPSK. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s. Security algorithms: WPA2

## Merkmale

		Memory	
<b>Antenna</b>		Flash memory	8 MB
Antenna gain level (max)	19 dBi	RAM capacity	128 MB
		RAM type	DDR2
<b>Certificates</b>		<b>Network</b>	
Certification	CE, FCC, IC, RoHS	Ethernet LAN	Y
		Ethernet LAN interface type	Gigabit Ethernet
		Ethernet LAN data rates	10,100,1000 Mbit/s
<b>Logistics data</b>		<b>Operational conditions</b>	
Harmonized System (HS) code	85176990	Operating temperature (T-T)	-40 - 80 °C
		Operating temperature (T-T)	-40 - 176 °F
		Operating relative humidity (H-H)	5 - 95%
<b>Management features</b>			
Web-based management	Y		

## Packaging data

Quantity per pack	1 pc(s)
-------------------	---------

## Ports & interfaces

Ethernet LAN (RJ-45) ports	2
----------------------------	---

## Security

Security algorithms	WPA2
---------------------	------

## Technical details

Sustainability certificates	CE, RoHS
-----------------------------	----------

## Data transmission

Maximum data transfer rate	450 Mbit/s
Maximum transfer distance	15000 m

## Packaging content

PoE+ Injector(s)	Y
Mounting bracket(s) included	Y
Cables included	AC

## Processor

Processor family	Atheros
Processor model	MIPS 74Kc
Processor frequency	720 MHz

## Wireless LAN features

Wi-Fi	Y
Frequency band	5.15 - 5.875; 5.15 - 5.25; 5.25 - 5.35; 5.47 - 5.725; 5.725 - 5.85 GHz
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK

## Weight & dimensions

Width	189 mm
Depth	189 mm
Height	125 mm
Weight	530 g

## Power

Power source type	PoE
Power consumption (max)	8.5 W
Power over Ethernet (PoE)	Y
DC output voltage	24 V
DC output current	0.5 A

## Features

Product type	Network bridge
Material	Plastic
Mounting type	Pole/Wall
Product colour	White
LED indicators	LAN, Power, Signal strength
Reset button	Y
Surge protection	Y

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.