

Code: NS-5ACL(5-PAK)

## ACCESS POINT **NS-5ACL(5-PAK)** UBIQUITI 5 PCS SET

Net: **337.22 USD** Gross: **337.22 USD**

The NS-5ACL(5-PAK) set consists of 5 Access Points UBIQUITI NanoStation NS-5ACL. The UBIQUITI NanoStation NS-5ACL(5-PAK) is a device working in airMAX ac (MIMO TDMA) standard.

The radio and antenna with 13dBi gain are combined into a single compact body. The device is high efficient Customer Premises Equipment (CPE).

The airMAX ac products supports up to 450 Mbps real TCP/IP throughput - up to triple the throughput of standard airMAX products.



### SPECIFICATION

<b>In package:</b>	<b>5 pcs The price for package</b>
Frequency range:	5150 MHz ... 5875 MHz 2412 MHz ... 2472 MHz
Antenna type:	MIMO TDMA 13 dBi Integrated
Polarization:	vertical/horizontal
Standards:	<ul style="list-style-type: none"><li>• IEEE 802.11a</li><li>• IEEE 802.11n</li><li>• IEEE 802.11ac</li></ul>
VSWR:	max. 1.8 : 1
LAN ports:	1 x 10/100/1000 Mbps
Receiver sensitivity:	<ul style="list-style-type: none"><li>• -96 dBm ± 2 dB @ 1 x BPSK (1/2)</li><li>• -95 dBm ± 2 dB @ 2 x QPSK (1/2)</li><li>• -92 dBm ± 2 dB @ 2 x QPSK (3/4)</li><li>• -90 dBm ± 2 dB @ 4 x 16-QAM (1/2)</li><li>• -86 dBm ± 2 dB @ 4 x 16-QAM (3/4)</li><li>• -83 dBm ± 2 dB @ 6 x 64-QAM (2/3)</li><li>• -77 dBm ± 2 dB @ 6 x 64-QAM (3/4)</li><li>• -74 dBm ± 2 dB @ 6 x 64-QAM (5/6)</li><li>• -69 dBm ± 2 dB @ 8 x 256-QAM (3/4)</li><li>• -65 dBm ± 2 dB @ 8 x 256-QAM (5/6)</li></ul>
Operating system:	AirOS
Operation modes:	Access Point - Point to Point, Access Point - Point to Multi Point, Station - Point to Point, Station - Point to Multi Point

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Protections:	Overvoltage protection $\pm 24$ kV Contact/Air (ESD/EMP)
Transmitter power:	<ul style="list-style-type: none"> <li>• 25 dBm <math>\pm 2</math> dB @ 1 x 8PSK (1/2)</li> <li>• 25 dBm <math>\pm 2</math> dB @ 2 x Mbps QPSK (1/2)</li> <li>• 25 dBm <math>\pm 2</math> dB @ 2 x QPSK (3/4)</li> <li>• 25 dBm <math>\pm 2</math> dB @ 4 x 16-QAM (1/2)</li> <li>• 25 dBm <math>\pm 2</math> dB @ 4 x 16-QAM (3/4)</li> <li>• 25 dBm <math>\pm 2</math> dB @ 6 x 64-QAM (2/3)</li> <li>• 24 dBm <math>\pm 2</math> dB @ 6 x 64-QAM (3/4)</li> <li>• 23 dBm <math>\pm 2</math> dB @ 6 x 64-QAM (5/6)</li> <li>• 21 dBm <math>\pm 2</math> dB @ 8 x 256-QAM (3/4)</li> <li>• 21 dBm <math>\pm 2</math> dB @ 8 x 256-QAM (5/6)</li> </ul>
Horizontal beam width (H):	45 °
Vertical beam width (V):	45 °
Memory:	64 MB DDR2
Processor:	Atheros MIPS 74KC, 560MHz
Power supply PoE:	✓
Power supply:	24 V / 0.5 A - Gigabit PoE (power adapter not included)
Power consumption:	7 W
Operation temp:	-40 °C ... 70 °C
Permissible relative humidity:	5 % ... 95 %
Main features:	<ul style="list-style-type: none"> <li>• Throughput up to 450 Mbps</li> <li>• Range up to 10+ km</li> <li>• Channel bandwidths 10/20/30/40/50/60/80 MHz</li> <li>• Extra radio module for device management</li> <li>• The device is designed to work both inside and outside the building</li> <li>• Very easy and quick installation without any tools</li> <li>• It has a tight and UV-resistant housing</li> </ul>
Weight:	0.177 kg
Dimensions:	179 x 78 x 59 mm
Manufacturer / Brand:	UBIQUITI
Guarantee:	2 years

## PRESENTATION

Bottom view (after remove the cover):



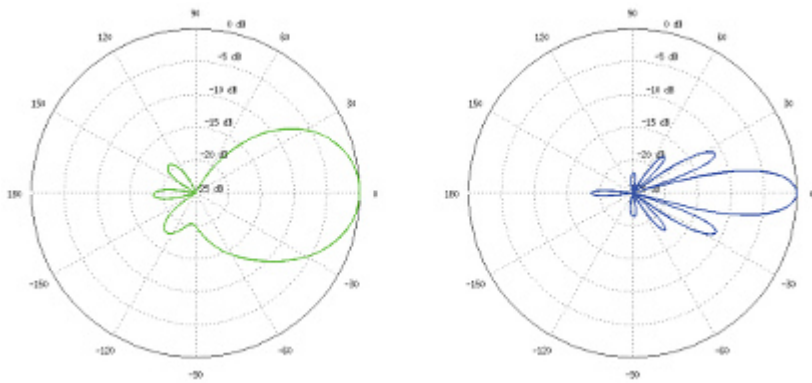


Mounting side view:

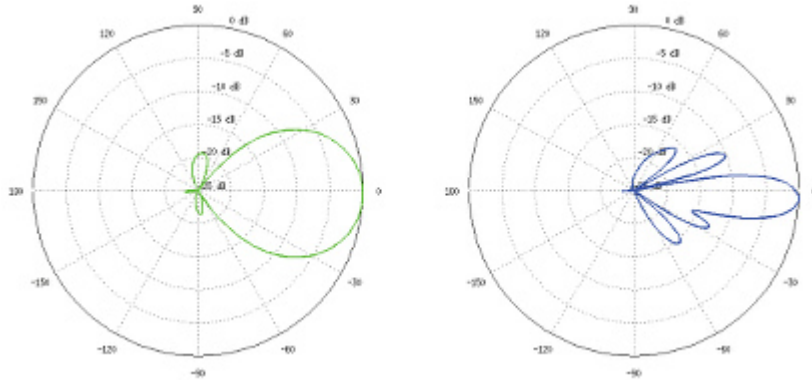


Polar pattern for horizontal polarization (respectively horizontal and vertical plane):





Polar pattern for vertical polarization (respectively horizontal and vertical plane):



In the kit:



**PACKAGE**

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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