

Code: NS-5ACL(5-PAK)

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

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.



In package:	5 pcs The price for package
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"> • IEEE 802.11a • IEEE 802.11n • IEEE 802.11ac
VSWR:	max. 1.8 : 1
LAN ports:	1 x 10/100/1000 Mbps



DATA SHEET

Receiver sensitivity:	<ul style="list-style-type: none">• -96 dBm ± 2 dB @ 1 x BPSK (1/2)• -95 dBm ± 2 dB @ 2 x QPSK (1/2)• -92 dBm ± 2 dB @ 2 x QPSK (3/4)• -90 dBm ± 2 dB @ 4 x 16-QAM (1/2)• -86 dBm ± 2 dB @ 4 x 16-QAM (3/4)• -83 dBm ± 2 dB @ 6 x 64-QAM (2/3)• -77 dBm ± 2 dB @ 6 x 64-QAM (3/4)• -74 dBm ± 2 dB @ 6 x 64-QAM (5/6)• -69 dBm ± 2 dB @ 8 x 256-QAM (3/4)• -65 dBm ± 2 dB @ 8 x 256-QAM (5/6)
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
Protections:	Overvoltage protection ± 24 kV Contact/Air (ESD/EMP)
Transmitter power:	<ul style="list-style-type: none">• 25 dBm ± 2 dB @ 1 x 8PSK (1/2)• 25 dBm ± 2 dB @ 2 x Mbps QPSK (1/2)• 25 dBm ± 2 dB @ 2 x QPSK (3/4)• 25 dBm ± 2 dB @ 4 x 16-QAM (1/2)• 25 dBm ± 2 dB @ 4 x 16-QAM (3/4)• 25 dBm ± 2 dB @ 6 x 64-QAM (2/3)• 24 dBm ± 2 dB @ 6 x 64-QAM (3/4)• 23 dBm ± 2 dB @ 6 x 64-QAM (5/6)• 21 dBm ± 2 dB @ 8 x 256-QAM (3/4)• 21 dBm ± 2 dB @ 8 x 256-QAM (5/6)
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">• Throughput up to 450 Mbps• Range up to 10+ km• Channel bandwidths 10/20/30/40/50/60/80 MHz• Extra radio module for device management• The device is designed to work both inside and outside the building• Very easy and quick installation without any tools• It has a tight and UV-resistant housing
Weight:	0.177 kg
Dimensions:	179 x 78 x 59 mm
Manufacturer / Brand:	UBIQUITI
Guarantee:	2 years