



NetPoint Lite n2C

NetPoint Lite n2C supports 2x3 MIMO (Multiple Input Multiple Output) technology reaching a maximum data rate of 300 Mbps attaining high performance and excellent transmission quality.

NetPoint Lite n2C has a ruggedized enclosure, providing carrier-class Wi-Fi connectivity deployment in harsh environments.

With RF power output of up to 26 dBm per antenna, which is a key feature used in building a long-distance Wi-Fi connection. It is designed with signal transmission covering 360 degrees deliver real-time access to people, applications, and network resources. NetPoint Lite transforms down-time into productive time.

The signal can also be adjusted to high or low levels to be applied in various applications.

Product Highlights

- Data rates up to 300 Mbps
- 802.11b/g/n with 2x3 MIMO
- Ruggedized unit, IP67 compliant
- Initial configuration over Wi-Fi interface
- Robust and Reliable operation in tough conditions
- Easy installation, operation and maintenance



Product Specifications

Configuration

Architecture	Outdoor Unit Connectorized for Omni Antennas or Sector Antennas
IDU to ODU Interface	Outdoor CAT-5e cable; Maximum cable length: 100 m @100BaseT and 75 m @ 1000 BaseT

Radio

Frequency Band	IEEE 802.11b/g/n: 2.4 – 2.484 GHz
Supported Data Rates	<ul style="list-style-type: none"> 802.11n: 6.5 Mbps – 130 Mbps (20 MHz); 13 Mbps – 300 Mbps (40 MHz) 802.11g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbps 802.11b: 1, 2, 5.5 and 11 Mbps
Radio Chains	2x3 multiple-input multiple-output (MIMO) with two spatial streams
RF Power Output	<ul style="list-style-type: none"> Up to 26 dBm per antenna Country-specific power settings are according to the selected country-code
Channel BW	20 MHz and/or 40 MHz
Operating Channels	<ul style="list-style-type: none"> Europe: 1-13 US/Canada: 1-11
BSSID	Up to 8
Wireless Security	WPA-PSK, WPA-TKIP, WPA2-AES, RADIUS
Configuration	<ul style="list-style-type: none"> Web User Interface (HTTP/S) SNMP v3

Networking

Concurrent Clients	256
QoS	802.11WMM; For Voice, Video, Best Effort, and Background service flow
Ethernet Interface	100/1000BaseT

Mechanical

Dimensions	17.1 (w) x 19.6 (h) x 7.2 (d) cm (without antennas)
Weight	1.1 kg / 2.4 lbs

Power

Power Feeding	Power provided over ODU-IDU cable using PoE device
Power Consumption	<12 W

Environmental

Operating Temperatures	-35°C - 60°C / -31°F – 140°F
Humidity	100% condensing, IP67 (totally protected against dust and against immersion up to 1 m)

Radio

FCC	CFR Part 15.247
IC	RSS-210
ETSI	ETSI EN 300 328

Safety

FCC/IC (cTUVus)	UL 60950-1, UL 60950-22, CAN/CSA C22.2 60950-1, CAN/CSA C22.2 60950-22
ETSI	EN/IEC 60950-1, EN/IEC 60950-22

EMC

FCC	47 CFR Class B, Part15, Subpart B
ETSI	EN 300 386, EN 301 489-1, EN 301 489-4
CAN/CSA-CEI/IEC	CISPR 22 Class B
AS/NZS	CISPR 22 Class B



600-15 Allstate Parkway, Markham
 Ontario, Canada
 Tel: +1 (905) 415 4585
 Email: info@netronics-networks.com

Netronics-networks.com