

Datasheet: NETSCOUT 802.11a/b/g/n/ac 3x3 PCI Express Card Adapter

Overview

The NetScout 802.11a/b/g/n/ac 3x3 PCI Express Card Adapter (C1097) is an 802.11ac compliant wireless adapter for your Windows PC with an available Mini PCI Express slot (34mm). The adapter is built with the Broadcom BCM943460MC using 3Tx/3Rx MIMO architecture, and includes three monopole dual-band reverse polarity SMA antennas.

The NetScout 802.11a/b/g/n/ac 3x3 PCI Express Card Adapter has been optimized for use with the AirMagnet tools for efficient and accurate 802.11ac testing and troubleshooting. The adapter supports 3 x 3 MIMO configuration and 80 MHz channel widths allowing users to deploy and troubleshoot Wi-Fi networks delivering performance at data rates up to 1300 Mbps.



Supported Operating Systems

Microsoft® Windows 7™ Professional/Ultimate/Enterprise (64-bit), Windows 8 and 8.1 Pro/Enterprise (64-bit)

Supported Standards

802.11a – Max data rate 54 Mbps (5GHz)
 802.11b – Max data rate 11 Mbps (2.4GHz)
 802.11g – Max data rate 54 Mbps (2.4GHz)
 802.11n – Max data rate 450 Mbps (2.4GHz and 5GHz, 20MHz and 40MHz bandwidth)
 802.11ac – Max data rate 1300 Mbps (5GHz, 20MHz, 40MHz and 80MHz bandwidth)

Frequency Range

2.412 to 2.484 GHz
 4.920 to 4.980 GHz
 5.180 to 5.320 GHz; UNII band I and II
 5.500 to 5.700 GHz; UNII band II extended
 5.745 to 5.825 GHz; UNII band III

Ordering Information

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Supported Host Interface

PCI Express

Temperature

Operation temperature: 0 to 50° C [32° to 122° F]
 Storage temperature: -40 to 80° C [-40° to 176° F]

Operation Voltage

3.3V +/- 5%

