

# EWM-W145H

802.11 b/g/n Mini PCIe Card

# EWM-W146H

802.11a/ b/g/n Mini PCIe Card



## Features

- IEEE 802.11 b/g/n (2.4 GHz) standard
- 1Tx / 1Rx , Up to 150 Mbps data rate
- 7-year longevity
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4

## Specifications

|                        |                                              |
|------------------------|----------------------------------------------|
| Main Chipset           | Intel N 100                                  |
| Tx/Rx                  | 1Tx / 1Rx                                    |
| Standard Conformance   | 802.11 b/g/n                                 |
| Form Factor            | Half-size Mini PCIe card                     |
| Interface              | PCI Express mini-card rev. 1.2               |
| Operation Voltage      | DC 3.3V ±5%                                  |
| Power Consumption      | Tx 2SS, Minimum: 1900 mW                     |
| Security               | WEP (64-bit, and 128-bit), WPA2 and AES-CCMP |
| O.S Supported          | Windows XP/ Vista/ 7/Win7e                   |
| Temperature Ranges     | Operation: 0 to +80° C                       |
| Dimensions (L x W x H) | 26.80 x 30.00 x 3.10 mm                      |

## Ordering Information

| Part No.     | Product Description                                 |
|--------------|-----------------------------------------------------|
| EWM-W145H01E | 802.11 b/g/n, Intel N 100, Half-size Mini PCIe Card |

## Suggestion Antenna and Cable

| Part No.   | Specifications                   |
|------------|----------------------------------|
| 1750000318 | WiFi 2.4 GHz 2dBi dipole Antenna |
| 1750003222 | WiFi 2.4 GHz 5dBi dipole Antenna |
| 1750003418 | WiFi 2.4 GHz 9dBi dipole Antenna |
| 1750006043 | WiFi Coaxial Cable, 150 mm       |
| 1750006010 | WiFi Coaxial Cable, 200 mm       |
| 1750005885 | WiFi Coaxial Cable, 230 mm       |



## Features

- IEEE 802.11 a/b/g/n dual-band (2.4 and 5 GHz) standard
- 3Tx / 3Rx MIMO, Up to 450 Mbps data rate
- 7-year longevity
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4
- Support Intel® AMT 7.0

## Specifications

|                        |                                              |
|------------------------|----------------------------------------------|
| Main Chipset           | Intel N 6300                                 |
| Tx/Rx                  | 3Tx / 3Rx MIMO                               |
| Standard Conformance   | 802.11 a/b/g/n                               |
| Form Factor            | Half-size Mini PCIe card                     |
| Interface              | PCI Express mini-card rev. 1.2               |
| Operation Voltage      | DC 3.3V ±5%                                  |
| Power Consumption      | Tx 3SS, 5.2GHz, Minimum:2200 mW              |
| Security               | WEP (64-bit, and 128-bit), WPA2 and AES-CCMP |
| O.S Supported          | Windows XP/ Vista/ 7/Win7e                   |
| Temperature Ranges     | Operation: 0 to +80° C                       |
| Dimensions (L x W x H) | 26.80 x 30.00 x 3.75 mm                      |

## Ordering Information

| Part No.     | Product Description                                    |
|--------------|--------------------------------------------------------|
| EWM-W146H01E | 802.11 a/b/g/n, Intel N 6300, Half-size Mini PCIe Card |

## Suggestion Antenna and Cable

| Part No.   | Specifications                    |
|------------|-----------------------------------|
| 1750002842 | WiFi Dual band-2.4 and 5G Antenna |
| 1750006043 | WiFi Coaxial Cable, 150 mm        |
| 1750006010 | WiFi Coaxial Cable, 200 mm        |
| 1750005885 | WiFi Coaxial Cable, 230 mm        |

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