

Specifications

| NBE-M5-19 | | | | | |
|------------------------|---|------------------|------------------|------------------|------------------|
| Dimensions | 189 x 189 x 125 mm (7.44 x 7.44 x 4.92") | | | | |
| Weight | 0.530 kg (1.17 lb) | | | | |
| Power Supply | 24V, 0.5A PoE | | | | |
| Max. Power Consumption | 8W | | | | |
| Operating Frequency | Worldwide | USA: U-NII-1 | USA: U-NII-2A | USA: U-NII-2C | USA: U-NII-3 |
| | 5150 - 5875 MHz | 5150 - 5250 MHz* | 5250 - 5350 MHz* | 5470 - 5725 MHz* | 5725 - 5850 MHz* |
| Gain | 19 dBi | | | | |
| Networking Interface | (1) 10/100 Ethernet Port | | | | |
| Processor Specs | Atheros MIPS 74Kc, 560 MHz | | | | |
| Memory | 64 MB DDR2, 8 MB Flash | | | | |
| LEDs | (1) Power, (1) LAN, (4) WLAN | | | | |
| Signal Strength LEDs | Software-Adjustable to Correspond to Custom RSSI Levels | | | | |
| Max. VSWR | 1.5:1 | | | | |
| Channel Sizes | 5/8/10/20/30/40 MHz | | | | |
| Polarization | Dual Linear | | | | |
| Enclosure | Outdoor UV Stabilized Plastic | | | | |
| Mounting | Pole-Mount (Kit Included), Wall-Mount | | | | |
| Wind Loading | 45.4 N @ 200 km/h (10.2 lbf @ 125 mph) | | | | |
| Wind Survivability | 200 km/h (125 mph) | | | | |
| ESD/EMP Protection | Air: ± 24 kV, Contact: ± 24 kV | | | | |
| Operating Temperature | -40 to 70° C (-40 to 158° F) | | | | |
| Operating Humidity | 5 to 95% Noncondensing | | | | |
| Wireless Approvals | FCC, IC, CE | | | | |
| RoHS Compliance | Yes | | | | |
| Salt Fog Test | IEC 68-2-11 (ASTM B117), Equivalent: MIL-STD-810 G Method 509.5 | | | | |
| Vibration Test | IEC 68-2-6 | | | | |
| Temperature Shock Test | IEC 68-2-14 | | | | |
| UV Test | IEC 68-2-5 at 40° C (104° F), Equivalent: ETS 300 019-1-4 | | | | |
| Wind-Driven Rain Test | ETS 300 019-1-4, Equivalent: MIL-STD-810 G Method 506.5 | | | | |

| NBE-M5-19 Output Power: 26 dBm | | | | | | | |
|--------------------------------|-------------|---------|-----------|-------------------------|-------------|--------------|-----------|
| TX Power Specifications | | | | RX Power Specifications | | | |
| Modulation | Data Rate | Avg. TX | Tolerance | Modulation | Data Rate | Sensitivity | Tolerance |
| 802.11a | 6 - 24 Mbps | 26 dBm | ± 2 dB | 802.11a | 6 - 24 Mbps | -94 dBm Min. | ± 2 dB |
| | 36 Mbps | 25 dBm | ± 2 dB | | 36 Mbps | -80 dBm | ± 2 dB |
| | 48 Mbps | 24 dBm | ± 2 dB | | 48 Mbps | -77 dBm | ± 2 dB |
| | 54 Mbps | 23 dBm | ± 2 dB | | 54 Mbps | -75 dBm | ± 2 dB |
| 802.11n/airMAX | MCS0 | 26 dBm | ± 2 dB | 802.11n/airMAX | MCS0 | -96 dBm | ± 2 dB |
| | MCS1 | 25 dBm | ± 2 dB | | MCS1 | -95 dBm | ± 2 dB |
| | MCS2 | 25 dBm | ± 2 dB | | MCS2 | -92 dBm | ± 2 dB |
| | MCS3 | 25 dBm | ± 2 dB | | MCS3 | -90 dBm | ± 2 dB |
| | MCS4 | 24 dBm | ± 2 dB | | MCS4 | -86 dBm | ± 2 dB |
| | MCS5 | 23 dBm | ± 2 dB | | MCS5 | -83 dBm | ± 2 dB |
| | MCS6 | 23 dBm | ± 2 dB | | MCS6 | -77 dBm | ± 2 dB |
| | MCS7 | 23 dBm | ± 2 dB | | MCS7 | -74 dBm | ± 2 dB |
| | MCS8 | 26 dBm | ± 2 dB | | MCS8 | -95 dBm | ± 2 dB |
| | MCS9 | 25 dBm | ± 2 dB | | MCS9 | -93 dBm | ± 2 dB |
| | MCS10 | 25 dBm | ± 2 dB | | MCS10 | -90 dBm | ± 2 dB |
| | MCS11 | 25 dBm | ± 2 dB | | MCS11 | -87 dBm | ± 2 dB |
| | MCS12 | 24 dBm | ± 2 dB | | MCS12 | -84 dBm | ± 2 dB |
| | MCS13 | 23 dBm | ± 2 dB | | MCS13 | -79 dBm | ± 2 dB |
| | MCS14 | 23 dBm | ± 2 dB | | MCS14 | -78 dBm | ± 2 dB |
| MCS15 | 23 dBm | ± 2 dB | MCS15 | -75 dBm | ± 2 dB | | |

* Some frequencies may require activation; visit: <https://www.ubnt.com/fcllabelrequest>