**NexFi MR580-20W Specification**

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| **BASIC SPECIFICATIONS** |
| **Interface** | 100Mbps Ethernet（Cable Connector for AERO） |
| N-TYPE \* 2  |
| Twist Switch / Volume |
| **LED indicator** | 4 levels of network quality indication |
| **WIFI Specification** | 580Mhz MIMO MESH  |
| 2.4Ghz WIFI |
| **Output Power** | 40dbm \*2@580Mhz |
| **Receive Sensitivity** | -95dBm |
| **Channel Bandwidth** | 5Mhz/10Mhz/20Mhz  |
| **Rate** | MAX 80Mbps |
| **Serial Port** | TTL UART (Optional) |
| **Voice** | Uncentered Intercom (Optional) |
| **Location** | GPS (Optional) |
| **Fiber Port** | (Optional) |
| **HDMI Out** | H.264/H.265 1080P (Optional) |
| **PERFORMANCE SPECIFICATION** |
| **Mode** | MESH |
| **Hop** | >10 |
| **Node Scale** | >20 |
| **Boot Time** | <1 minute |
| **Connecting Time** | <500ms |
| **Switching Period** | <100ms |
| **Encryption** | AES 256 |
| **PHYSICAL SPECIFICATION** |
| **Size** | 440\*400\*45mm (1U 19”Rack-Mountable) |
| **Weight** | 6.2KG  |
| **Antenna** | 5dBi Omni Antenna/ 9dBi (Optional) |
| **Power Supply** | AC 220V / DC 24V |
| **Power Consumption** | 160W |
| **Temperature** | （-20ºC~65ºC） |
| **Working Humidity** | 10%~90%  |
| **Mounting** | Onboard / Vehicle  |

