# M1300 (1-PACK)

Cudy M1300(1-Pack) AC1200 Wi-Fi Gigabit Mesh Solution

## Specifications

| Model | M1300 (1-Pack) |
|---|---|
| Brand | Cudy |
| WIFI | WiFi5 |
| Geni?lik | Dual band |
| Mesh | Mesh |
| Tezlik | 2.4Ghz/5Ghz |
| PoE | PoE |
| Qo?ulma say? | 100+ |

## KEY FEATURES

| | |
|---|---|
| **Model Name** | M1300 2.0 |
| **CPU Details** | 880 MHz Dual-Core, MIPS1004Kc |
| **Flash/ROM** | 16 MB (128 Mbit) NOR |
| **DDR/RAM** | 128 MB (1 Gbit) DDR3 |
| **5 GHz Wi-Fi Speed** | 867 Mbps |
| **2.4 GHz Wi-Fi Speed** | 300 Mbps |
| **5 GHz Wi-Fi Streams** | 2T2R (2×2 MIMO) |
| **2.4 GHz Wi-Fi Streams** | 2T2R (2×2 MIMO) |
| **Wi-Fi Antennas** | 4× Internal |
| **5 GHz Anntenna Gain Max** | 6.04dBi |
| **2.4 GHz Antenna Gain Max** | 4.22dBi |
| **FEM or PA/LNA** | • 5 GHz: 2× Internal<br>• 2.4 GHz: 2× Internal |
| **Range Performance** | Max: 120 m (394 ft)<br>Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions. |
| **Wall Performance** | Two wooden walls with thickness < 3.8 cm (1.5")<br>One concrete wall with thickness < 20 cm (7") |
| **Wi-Fi Transmission Power** | • CE:<br>  <20 dBm (2.4 GHz)<br>  <23 dBm (5.15 GHz ~ 5.35 GHz)<br>• FCC:<br>  <24 dBm (5.25 GHz ~ 5.35 GHz & 5.47 GHz ~ 5.725 GHz)<br>  <30 dBm (2.4 GHz & 5.15 GHz ~ 5.25 GHz) |
| **Gigabit RJ45 Ports** | 2 |
| **Ethernet Notes** | Port 1 as default WAN port, both as LAN ports on Mesh satellite units |
| **LED** | • System<br>• Speed/Link/ACT of Each Ethernet Port |
| **Physical Buttons** | • WPS Button<br>• Reset Button |
| **Power Input** | DC Jack |
| **Power Methods** | DC |
| **DC** | 12V 1A |
| **Power Adapter** | Input: 100 ~ 240 V, 50/60 Hz AC<br>Output: 12V 1A DC |

| | |
|---|---|
| **Environment** | • **Operating Temperature: 0 ▢ ~ 40 ▢ (32 ▢ ~104 ▢)**<br>• **Storage Temperature: -40 ▢ ~ 70 ▢ (-40 ▢ ~ 158 ▢)**<br>• **Humidity: 10% ~ 90% non-condensing**<br>• **Storage Humidity: 5% ~ 95% non-condensing** |
| **Installation** | • **Desktop**<br>• **Wall-Mounting** |
| **Basic Power Saving** | 0 |
| **Dimension** | Φ110×154.5 mm<br>Φ4.33×6.08 inches |
| **Product Weight** | , |
| | • **Main Product**<br>• **Power Adapter**<br>• **Ethernet Cable**<br>• **Installation Guide** |
| **Retail Package Weight** | , |
| **Retail Package Dimension** | 1-Pack:<br>145×130×265 mm<br>5.71×5.12×10.43 inches,2-Pack:<br>330×130×265 mm<br>12.99×5.12×10.43 inches,3-Pack:<br>415×140×248 mm<br>16.34×5.51×9.76 inches |
| **Units per Carton** | • **1-Pack: 16**<br>• **2-Pack: 8**<br>• **3-Pack: 4** |
| **Carton Dimension** | 1-Pack: 57×56×26 cm,2-Pack: 55×54.5×35.3 cm,3-Pack: 53.6×40×28.7 cm |
| **Carton Gross Weight** | , |