LP-2036 (Draft)

HIGH POWER AC1750 WI-FI ROUTER

Main Features

- Comply with IEEE 802.11a/b/g/n/ac
- Maximum wireless data rate up to 1300Mbps using 80MHz bandwidth.
- Reliable data security including WEP, WPA/WPA2, WPA-PSK/RADIUS, WPA2-PSK/RADIUS with TKIP/AES encryption and WPS.
- QoS bandwidth management.
- Access Control list by MAC and IP address.
- Available USB storage as local or remote FTP sharing.
- IPv6 support.

Technical Specifications

Chipset

- Qualcomm QCA9558/QCA9880/QCA8337
- Qualcomm CUS 223 (5G AC RF)
- Qualcomm AP135 (2G RF)

Wireless Standard

- 802.11a/b/g/n/ac

Frequency Band

- 2.412GHz ~ 2.484GHz,
- 5.18GHz ~ 5.825GHz

Wireless Data Rate

- 802.11a/g: up to 54Mbps
- 802.11b: up to 11Mbps
- 802.11n: up to 300Mbps
- 802.11ac: up to 867Mbps

Wireless Output Power

- 802.11a: 24 ± 1dBm
- 802.11b: 27 ± 1dBm
- 802.11g: 22 ± 1dBm
- 802.11n: 21 ± 1dBm
- 802.11ac: 16 ± 1dBm

Wireless Receive Sensitivity

- 802.11a: -94± 1dBm
- 802.11b: -91± 1dBm
- 802.11g: -85± 1dBm
- 802.11n: -84 ± 1dBm
- 802.11ac: -66 ± 1dBm

Wireless Security

- WEP, WPA, WPA2, WPA Mixed, WPS

Antenna

- Three high gain 4-5dBi dual band dipole (SMA Connector)

Physical Interface

- One Gigabit RJ-45 port (WAN)
- Four Gigabit RJ-45 ports (LAN)
- One USB 2.0 port for storage devices
- WPS push button
- Reset button
- On/Off Button
- DC jack

Operation Temperature

- 0°C ~ 50°C

Storage Temperature

- -10°C ~ 60°C ambient temperature

Humidity

- 10 ~ 85% typical

Power Consumption

- 18W (Maximum)

Power Requirement

- DC 12V/1.5A

Certification

- FCC, IC