



L7Lite

Wi-Fi 7 BE3600 Dual-Band
Ceiling Mount Access Point



DATASHEET

| Overview | |
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| Dimensions | Ø195 mm x 41 mm (Ø7.68 in. x 1.61 in.) (excluding the mounting bracket) |
| Weight | ≤ 0.6 kg (1.32 lbs.) |
| Wi-Fi Standards | IEEE 802.11 a/b/g/n/ac/ax/be |
| Spatial Streams | 4 |
| Coverage Area | 140 m ² (1,500 ft ²) |
| Max. Client Count | 100+ |
| Mounting | Ceiling, Wall (Mounts Included) |
| Hardware | |
| Networking Interface | (1) 2.5GbE RJ45 port |
| Wi-Fi Protocols | 2.4 GHz: IEEE 802.11 b/g/n/ax/be 5 GHz: IEEE 802.11 a/n/ac/ax/be |
| MIMO | 2.4 GHz: 2 x 2 MU-MIMO 5 GHz: 2 x 2 MU-MIMO |
| Channel bandwidth | 2.4 GHz: 20/40 MHz 5 GHz: 20/40/80/160 MHz |
| Throughput rate | 2.4 GHz: 688 Mbps 5 GHz: 2882 Mbps |
| Antenna Gain | 2.4 GHz: 3.23 dBi 5 GHz: 4.44 dBi |
| Max. Transmit Power | 2.4 GHz: 25.7 dBm 5 GHz: 25 dBm |
| Power Consumption | ≤ 14 W |
| Power Method | PoE DC (12 V, 1.5A), DC Power Adapter Is Not Included |
| Modulation | OFDM: BPSK @ 6/9 Mbps, QPSK @ 12/18 Mbps, 16-QAM @ 24 Mbps, and 64-QAM @ 48/54 Mbps DSSS: DBPSK @ 1 Mbps, DQPSK @ 2 Mbps, and CCK @ 5.5/11 Mbps MIMO-OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, and 4096-QAM OFDMA |
| Receiver Sensitivity | 11b: -91 dBm (1 Mbps), -88 dBm (5.5 Mbps), -85 dBm (11 Mbps) 11a/g: -89 dBm (6 Mbps), -80 dBm (24 Mbps), -76 dBm (36 Mbps), -71 dBm (54 Mbps) 11n: -83 dBm (MCS0), -65 dBm (MCS7), -83 dBm (MCS8), -65 dBm (MCS15) 11ac: 20 MHz: -83 dBm (MCS0), -57 dBm (MCS9) 11ac: 40 MHz: -79 dBm (MCS0), -57 dBm (MCS9) 11ac: 80 MHz: -76 dBm (MCS0), -51 dBm (MCS9) 11ac: 160 MHz: -76 dBm (MCS0), -50 dBm (MCS9) 11ax: 20 MHz: -85 dBm (MCS0), -58 dBm (MCS11) 11ax: 40 MHz: -82 dBm (MCS0), -54 dBm (MCS11) 11ax: 80 MHz: -79 dBm (MCS0), -52 dBm (MCS11) |



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| | 11ax: 160 MHz: -76 dBm (MCS0), -49 dBm (MCS11) 11be: 20 MHz: -85 dBm (MCS0), -52 dBm (MCS13) 11be: 40 MHz: -82 dBm (MCS0), -49 dBm (MCS13) 11be: 80 MHz: -82 dBm (MCS0), -46 dBm (MCS13) 11be: 160 MHz: -79 dBm (MCS0), -44 dBm (MCS13) | |
| LED | 1 x System LED indicator (blue) | |
| Button | 1 x Factory reset | |
| Environment | Operating Temperature: 0°C to 40°C (32°F to 104°F) Storage Temperature: -40°C to +70°C (-40°F to +158°F) Operating Humidity: 5% RH to 95% RH (non-condensing) Storage Humidity: 5% RH to 95% RH (non-condensing) | |
| Weather Resistance | IP Rating: IP41 Lightning Protection/Surge Protection: ±2 kV | |
| Software | | |
| Working Mode | Router Mode | YES |
| | AP Mode | YES |
| WLAN | Max. Number of SSIDs | 8 per radio |
| | Band Steering | YES |
| | Wireless Meshing | YES |
| | Wi-Fi Multimedia (WMM) | YES |
| | 802.1Q VLAN | YES |
| | Multi-Link Operation (MLO) | YES |
| | 4K-QAM | YES |
| | RF Beamforming | YES |
| | WiFi Speed Limiting | YES |
| | Client Device Isolation | YES |
| Wi-Fi Schedules | YES | |
| Roaming | 802.11v | YES |
| | 802.11k | YES |
| | 802.11r | YES |
| | Layer2 roaming | YES |
| | Layer3 roaming | YES |
| Security | PSK Authentication | YES |



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| | WPA (TKIP), WPA2 (AES), and WPA-PSK | YES |
| | OWE (Enhanced Open) WPA3-SAE WPA2-PSK/WPA3-SAE | YES |
| | 802.1X | YES |
| | Ping | YES |
| | Traceroute | YES |
| Routing | NAT | YES |
| | Static IP address | YES |
| | DHCP Server | YES |
| | PPPoE Client PPPoE Dial-up | YES |
| AP Mesh | Mesh Management | YES |
| Standalone Portal | Captive Portal | YES |
| | Bandwidth Limiting | YES |
| | Data Quota | No |
| Management and Maintenance | Number of APs on a Self-Organizing Network | 300 |
| | Unified Networking for All Network Equipment | YES |
| | Local or Remote Management through Lysora App | YES |
| | Local Management through the Web Interface | YES |
| | Remote Management through Lysora Cloud | YES |
| | SNMP | YES |
| Platform Management Features | Optimization of Channel, Transmit Power, and Management Frame Power Settings. Both Pre- and Pro-Optimization Settings are Displayed. | YES |
| | Unified Configuration or Monitoring through Lysora Cloud | YES |
| Compliance and Standard | | |
| NDAA Complain | Yes | |
| Health | EN 62368-1 | |
| RF | EN 300 328 EN 301 893 EN 300 440 | |
| EMC | EN 55032 EN 55035 EN 61000-3-3 EN 61000-3-2 EN 301489-1 | |



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| | EN 301489-3 EN 301489-17 |
| Certifications | FCC, IC |
| Operating Frequency | <p>US/CA: 2400 - 2472 MHz U-NII-1: 5150 - 5250 MHz U-NII-2A: 5250 - 5350 MHz U-NII-2C: 5470 - 5725 MHz U-NII-3: 5725 - 5850 MHz U-NII-5 to U-NII-8 : 5925 - 7125 MHz</p> <p>Worldwide: 2400 - 2483.5 MHz 5150 - 5725 MHz 5925 - 7125 MHz</p> |

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