

Product overview – Wireless LAN

Feature set LANCOM access points



| | L-151gn Wireless | L-151E Wireless | L-3xx | LN-630acn dual Wireless | L-822acn dual Wireless LN-830acn dual Wireless | LN-830E Wireless | LN-86x | L-13xx | LN-170x |
|--|--------------------|-----------------|-----------------|-------------------------|---|------------------|-----------|-------------|-------------|
| Number of clients Recom. number (single / dual radio)* / techn. maximum | 30 / 127 | 30 / 127 | (40 / 65) / 255 | (100 / 200) / 255 | 65 / 255** | 255 / 255** | 65 / 255* | 255 / 255** | 255 / 255** |
| Public Spot | ✓ only with WLC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hotspot 2.0 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IEEE 802.11n | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IEEE 802.11ac | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LANCOM Management Cloud / stand-alone operation / controller-based | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2.4 GHz clients | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 GHz clients | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LBS-ready | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Extendable with software option | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| P2P connections | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Auto WDS | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LANCOM ARC (Active Radio Control) | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spectral Scan | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 x 2 MIMO | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 x 3 MIMO | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ |
| 4 x 4 MIMO | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| MU-MIMO | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✓ |
| Wireless ePaper Display | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ |

* For an average data rate of 2 Mbps per client, the number of recommended clients applies per access point

** The 11ac WLAN module supports max. 128 clients, this specification refers to the combination with the 11n radio module