LANCOM Wi-Fi 7 access points LX-7500 and LX-7300 now in stock with resellers

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German network-infrastructure and security supplier LANCOM Systems announces that their first Wi-Fi 7 access points are available now. The LANCOM LX-7500 access point is in stock with specialist resellers. The LANCOM LX-7300 access point is expected this month. The LANCOM Wi-Fi 7 series offers all the advantages of the latest Wi-Fi generation and also comes with innovative features such as scan radio, redundant PoE supply, and intelligent energy management. The access points also come with a new housing design.

The Wi-Fi 7 standard (IEEE 802.11be) offers higher data capacities, greater channel widths, higher speeds, and modern functions such as multi-link operation, multi-RU, and puncturing. In addition to the classic 2.4- and 5-GHz bands, Wi-Fi 7, like Wi-Fi 6E, uses the Wi-Fi-exclusive 6-GHz band to ensure interference-free connections with minimal latency and maximum data throughput. This is particularly important for real-time applications such as machine control or virtual reality.

Both new models support all three frequency bands (2.4 GHz, 5 GHz and 6 GHz) and thus provide the best possible interface for all end devices. A fourth radio module functions as an integrated scan radio that delivers greater service quality and security as well as a better overview of the network. The IP50 protective housing and UL2043 certification demonstrate their suitability for use in demanding environments.

The **R&S®LANCOM LX-7500** is a high-performance Wi-Fi 7 access point for large, high-performance wireless networks with tri-band Wi-Fi (4x4 MU-MIMO) and fast data processing even in crowded Wi-Fi networks and parallel operation in the 2.4-GHz, 5-GHz and 6-GHz bands with up to 19 Gbps. It has a 10G and a 2.5G Ethernet interface with Dual-PoE-in (2x PoE++, IEEE 802.3bt) for highest availability.

The **R&S®LANCOM LX-7300** is a high-performance Wi-Fi 7 access point for medium-sized, demanding wireless networks. Its tri-band Wi-Fi with 2x2 MU-MIMO enables fast data processing in medium-load Wi-Fi networks at data transfer rates of up to 9.3 Gbps. It has a 10G and a 2.5G Ethernet interface (Single-PoE++, IEEE 802.3bt).

Both new Wi-Fi 7 access points were developed with the aim of making professional networks more secure and sustainable while at the same time easing the workload on administrators through high levels of automation:

Security:

- **Security scan:** Radio-field monitoring with a dedicated scan radio, alerting in case of unauthorized unmounting of the device
- **Dual-PoE-in:** Fully redundant power supply to the second switch for maximum reliability (LANCOM LX-7500)
- **Firmware engineered in Germany:** Guaranteed freedom from backdoors, secure boot, maximum reliability, and future viability through regular feature and security updates
- **Integrated mounting protection** against casual theft

Sustainability:

- **The LANCOM Sustainability Mode** reduces energy consumption through technological adjustments and logical control
- **Energy monitoring for the whole network:** Transparent display of energy consumption, savings, and CO2 emissions and reduction
- **Housing made from 100% recyclable materials** without glued components
- **Optimized scope of delivery** for reduced packaging and electronic waste, and minimized CO2 emissions during transport
- **Environmentally friendly, plastic-free packaging** made of paper fibers for sorted disposal

Automation:

- **Cloud-managed Wi-Fi:** Zero-touch commissioning, auto-config, 24/7 monitoring & alerting, and Wi-Fi anomaly detection via the R&S®LANCOM Management Cloud (R&S®LMC) for less manual effort
- **Radio Resource Management:** Self-learning automation solution R&S®LANCOM Active Radio Control™ 2.0 for optimized Wi-Fi installations at the touch of a button.

The scan radio allows constant radio-field monitoring

- **Saving energy without risk:** Intelligent, cloud-based, dynamic optimization through R&S®LANCOM Active Power Control to reduce the energy consumption of the Wi-Fi infrastructure while maintaining operational reliability

The **R&S®LANCOM LX-7500** is available at a price of EUR 1,190 (RRP) excl. VAT, the **LX-7300** is available for EUR 899 excl. VAT.

Pictures of the new access points are ready for download here.

Further resources:

Further information, accessories and service options are available here: https://www.lancom-systems.com/wifi-7

Everything you need to know about the new Wi-Fi 7 wireless standard is summarized on a dedicated technology website including a white paper: https://www.lancom-systems.com/technology/wifi-7

About LANCOM Systems:

Rohde & Schwarz Networks and Cybersecurity GmbH is a leading European manufacturer of network and security solutions for business and the public sector. The portfolio includes hardware (WAN, LAN, WLAN, firewalls), virtual network components, cloud-based software-defined networking (SDN), and solutions for remote and mobile access.

Software and hardware development as well as manufacturing take place mainly in Germany, as does the hosting of the network management. There is a strong focus on trustworthiness and security. The company is committed to products that are free from backdoors and is a holder of the trust mark “IT Security Made in Germany” as initiated by the German Ministry of Economics.

LANCOM was founded in 2002 and has its headquarters in Würselen near Aachen, Germany. Customers include SMEs, government agencies, institutions, and major corporations from all over the world. The company is a wholly owned subsidiary of the Munich-based technology group Rohde & Schwarz.

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