

**Wireless · Wi-Fi 6 Access Point**

# Lotus Alpha AX820

High-power WiFi 6 indoor access point for campuses, offices and high-density venues.

## Highlights

- **Wi-Fi 6 (802.11ax)** — Dual-band 1800 Mbps with MU-MIMO and OFDMA.
- **High-density** — Handles many simultaneous devices without congestion.
- **Seamless roaming** — Uninterrupted connectivity as users move between APs.
- **1024-QAM** — 25% higher throughput with advanced modulation.
- **TWT & low latency** — Target Wake Time saves power; great for VoIP and video.
- **Cloud-managed** — Zero-touch provisioning and analytics via Net Cloud.

## Specifications

<b>Standard</b>	Wi-Fi 6 (802.11ax), Wave 2.0
<b>Bands</b>	Dual-band 2.4GHz + 5GHz
<b>Speed</b>	Up to 1800 Mbps aggregate
<b>MIMO</b>	MU-MIMO, OFDMA, beamforming
<b>Chipset</b>	MediaTek (MTK)
<b>Modulation</b>	1024-QAM (+25% throughput)
<b>Coverage</b>	360°; omnidirectional
<b>Ports</b>	Gigabit WAN & LAN
<b>Power</b>	PoE / PoE+
<b>Smart RF</b>	BSS coloring, CCA-SD, TWT, long OFDM
<b>Roaming</b>	Seamless roaming
<b>Management</b>	Immunity Net Cloud
<b>Deployment</b>	Indoor (campus, office, warehouse)
<b>Certifications</b>	MTCTE, CE, FCC, RoHS, PM-WANI

Designed, engineered and manufactured in India. Certified MTCTE, CE, FCC, RoHS. Managed by Immunity Net Cloud. Contact us for ordering information, warranty and bulk pricing.