

## Access point management



### Standalone deployment: Wi-Fi Express

Set up and go, Wi-Fi Express lets you manage any of the OmniAccess Stellar WLAN access points direct from your web browser. Any access point you add is automatically added to a cluster. Simple and secure to use, and comes with built-in guest management. Ideal deployment mode for small and mid size enterprises.



### Managed deployment:

#### Cloud-enabled deployment with OmniVista Cirrus

OmniVista® Cirrus powers a secure, resilient and scalable cloud-based network management platform.

It offers hassle free network deployment and easy service roll-out with advanced analytics for smarter decision making.

#### On premises-enabled management with OmniVista 2500

Comprehensive and powerful NMS, providing a full set of components for infrastructure and device configuration, monitoring, backup scheduling, security, alerts, quarantine, troubleshooting and downtime resolution.

Enabled with IT friendly Unified Access and Policy Management for secure authentication and policy enforcement for wired/wireless users and devices. Along with making day-to-day network operations more efficient, both provide all the network management tools and reports you need to track and achieve your business goals.

To find out more about the Alcatel-Lucent OmniAccess Stellar WLAN solution visit <https://www.al-enterprise.com/en/stellar>

### We are ALE.

We make everything connect by delivering technology that works, for you.

With our global reach, and local focus, we deliver networking and communications.

On Premises. Hybrid. Cloud.



## Intelligent Wi-Fi that can multitask

Hardworking Wi-Fi, where everything simply connects

## Introducing the Stellar range of wireless LAN Access Points:



**AP1101** OmniAccess® Stellar AP1101 is an entry range 802.11ac Wave 1 access point, providing secure and seamless connectivity for small and mid size enterprise deployments.



**AP1201** The multifunctional OmniAccess® Stellar AP1201 access point is an entry level, affordable, 802.11ac Wave 2 AP for small and large business deployments. This indoor Wi-Fi access point also provides integrated support for BLE5.0 / ZigBee/ Thread, making it ideal for connecting Internet of Things.



**AP1201H** Indoor Hospitality high-performance 802.11ac Wave 2 access point. The multi-functional OmniAccess® Stellar AP1201H indoor access point provides Gigabit Wi-Fi for in room applications, such as hotels, classrooms, dormitories, clinics, remote/home office and more.



**AP1220 Series** A mid-end 802.11ac Wave 2 AP for medium and large deployments; this indoor Wi-Fi access point provides high throughput and a seamless user experience. Featuring enhanced WLAN technology with RF Radio Dynamic Adjustment, a distributed control Wi-Fi architecture, secure network admission control with unified access, and built-in application intelligence and analytics, making it ideal for enterprises of all sizes demanding a simple, secure and scalable wireless solution.



**AP1230 Series** Multifunctional Alcatel-Lucent OmniAccess Stellar AP1230 series access points are high end, multi-gig Ethernet 802.11ac Wave 2 APs for high density and key IT applications in large deployments. OmniAccess Stellar AP1230 series indoor Wi-Fi access points provide high throughput and a seamless user experience.



**AP1251 - Outdoor** The multifunctional OmniAccess Stellar AP1251 is a high-performance 802.11ac Wave 2 access point used in outdoor settings for enterprise deployments of all sizes. It provides high throughput and a seamless user experience.

## Built to grow with your business

The OmniAccess Stellar WLAN product line features entry level, mid level, high end and outdoor access points, so that your wireless LAN can grow in line with the needs of your business.

Stellar WLAN Model	AP1101	AP1201	AP1201H	AP1221/AP1222	AP1231/AP1232	AP1251
Feature						
Number of radios	2	2	2	2	3	2
Wi-Fi standards	802.11a/b/g/n/ac wave 1	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2
Radio MIMO type	SU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO
Indoor/Outdoor use	Indoor	Indoor	Hospitality	Indoor	Indoor	Outdoor
Max number of SSIDs	16	16 initial support/ 32 HW ready	16	16	24	16
Max number of associated clients (per AP)	256	512	256	512	768	512
Max transmit power (per radio chain, MCSO) 2.4 GHz/5 GHz)	17 dBm/20 dBm	18 dBm/20 dBm	14dBm/18dBm	18 dBm/18 dBm	18 dBm/18 dBm	20 dBm/20 dBm
RF connectors (RF-SMA)	NA	No	No	AP1221 - NA AP1222 - 4	AP1231 - NA AP1232 - 8	NA
Integrated antennas	Yes	Yes, Omni + BLE Class 1	Yes, Omni	AP1221 - Yes AP1222 - NA	AP1231 - Yes AP1232 - NA	Yes
TPM Module	No	Yes	No	Yes	Yes	Yes
Network interfaces	1GE	1GE	1GE uplink, 3GE downlink with 1PSE, 1 pair RJ45 passthrough	1GE	1GE + 2.5GE	1GE + 1GE (IoT)
USB host interface	No	No	Yes	Yes	Yes	No
BLE	No	Yes, BLE 5.0	No	Yes, via USB	Yes, BLE 4.2	No
Console Port	Yes, RJ45	Yes, RJ45	No	Yes, RJ45	Yes, RJ45	Yes, Micro-USB
PoE powered	Yes, 802.3af	Yes, 802.3af	Yes, 802.3at/af	Yes, 802.3at	Yes, 40W+/802.3at	Yes, 802.3af
PoE PSE	No	No	Yes, 802.3af	No	No	No
DC power support	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	NA
Operating temp range	0 to 45° C	0 to 45° C	0 to 45° C	0 to 45° C	0 to 45° C	-40° C to +65° C
Storage temp range	-40° C to +70° C	-40° C to +70° C	-40° C to +70° C	-40° C to +70° C	-40° C to +70° C	-40° C to +85° C
Enclosure type	Plastic	Plastic	Plastic	Plastic + Metal	Plastic + Metal	Plastic + Metal
Enclosure volume (mm)	155 mm (W) X 155 mm (D) X 28 mm (H)	155 mm (W) X 155 mm (D) X 28 mm (H)	95mm (W) X 34.45mm (D) X 161.5mm (H)	180 mm (W) x 180 mm (D) x 36 mm (H)	230 mm (W) x 230 mm (D) x 47 mm (H)	243mm (W) X 243mm (D) X 85mm (H)
Weight (excluding packing box and accessories)	270 g	310 g	239 g	700 g	1400 g	2230 g
Rating	Plenum	Plenum	Plenum	Plenum	Plenum	IP67
Deep Packet Inspection (DPI)	No	Yes	No	Yes	Yes	Yes
wIPS/wIDS	Yes	Yes	Yes	Yes	Yes	Yes
Lifetime warranty	Yes	Yes	Yes	Yes	Yes	Yes
Minimum software version	R2.1	R3.0.5	R3.0.4	R3.0	R3.0	R3.0
Ships with mounting kit	Yes	Yes	Yes	Yes	Yes	Yes
Maximum power consumption (excluding USB, PoE PSE)	10 W	11 W	12 W	15.6 W	27.6 W	11.8 W