

## 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, there is a guest management portal for setting up who can have wireless access, when, where and for how long.



### Managed deployment: OmniVista 2500

With this comprehensive and powerful network management tool, you'll benefit from a full set of components for infrastructure and device configuration, monitoring, backup scheduling, security, alerts, quarantine, troubleshooting, downtime resolution, and overall management.

Along with making day-to-day network operations more efficient, the Alcatel-Lucent OmniVista® 2500 Network Management System (NMS) provides 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 [www.al-enterprise.com/en/stellar-mobility-wifi](http://www.al-enterprise.com/en/stellar-mobility-wifi)



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 indoor Wi-Fi access points provide high throughput wireless connectivity, seamless user experience and simplified management required by small enterprise WLAN deployment. Featuring enhanced RF Radio Dynamic Adjustment™ (RDA) technology, AP-Group architecture design and user-role based management, OmniAccess Stellar AP1101 delivers plug-and-play WLAN deployment ideal for any small and medium business.



**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, 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 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	AP1221/AP1222	AP1231/AP1232	AP1251
Feature				
Number of radios	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
Radio MIMO type	SU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO
Indoor/Outdoor Use	Indoor	Indoor	Indoor	Outdoor
Max number of SSIDs	16	16	24	16
Max number of associated clients (per AP)	256	512	768	512
Max transmit power (per radio chain, MCSO) 2.4 GHz/5 GHz)	17dBm/ 20dBm	18dBm/ 18dBm	18dBm/ 18dBm	20dBm/20dBm
RF Connectors (RF-SMA)	NA	AP1221 - NA AP1222 - 4	AP1231 - NA AP1232 - 8	NA
Integrated antennas	Yes	AP1221 - Yes AP1222 - NA	AP1231 - Yes AP1232 - NA	Yes
TPM Module	No	Yes	Yes	Yes
Network Interfaces	1GE	1GE	1GE + 2.5GE	1GE + 1GE (IoT)
USB host interface	No	Yes	Yes	No
BLE	No	Yes, via USB	Integrated	No
Console Port	Yes	Yes	Yes	Yes , Micro-USB
PoE powered	Yes	Yes	Yes	Yes
PoE PSE	No	No	No	No
DC power support	48 V DC	48 V DC	48 V DC	NA
Operating temp range	0 to 45C	0 to 45C	0 to 45C	-40C to +65C
Storage temp range	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +85C
Enclosure type	Plastic	Plastic + Metal	Plastic + Metal	Plastic + Metal
Enclosure volume (mm)	155 mm (W) X 155 mm (D) X 28 mm (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	700 g	1400 g	2230 g
Rating	Plenum	Plenum	Plenum	Plenum
Deep Packet Inspection (DPI)	No	Yes	Yes	Yes
wIPS/wIDS	Yes	Yes	Yes	Yes
Lifetime warranty	Yes	Yes	Yes	Yes
Minimum software version	R2.1	R3.0	R3.0	R3.0
Ships with mounting kit	Yes	Yes	Yes	Yes
Maximum power consumption (excluding USB, PoE PSE)	10 W	15.6 W	27.6 W	11.8 W