Wi-Fi 6 Indoor

OmniAccess Stellar 1301

for indoor; ideal for small and medium enterprise

Wi-Fi 6 access point, basic entry-level

• Target Wake Time • Temp: 0°C to 45°C

Retrocompatible with previous standards

• 574 g • DPI • Dual radio • WPA3

• DL and UL MU-MIMO

Max power: 13.1 W

PoF powered 802 3/af

OmniAccess Stellar 1230

Indoor ultra-high performance access

points for high-density deployments

OmniAccess Stellar 1511

Indoor entry range premium Wi-Fi 7 access point

- Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2 and 2.4 GHz 2x2:2 USB-C • USB 2 0 • 1x 5GbF • MI O • 320MHz
- DL and LIL MILI-MIMO WPA3 Temp: 0°C to 50°C BLE/Zigbee integrated • TPM 2.0 • PoE powered 802.3at Retrocompatible with previous standards



Wi-Fi 7 Indoor **OmniAccess Stellar 1521**

- Indoor mid-range Wi-Fi 7 access point
- Tri Radio, 6 GHz 2x2:2, 5 GHz 4x4:4 et 2.4 GHz 2x2:2 USB-C • Scanning radio • USB 2.0
- 1x 5GbE + 1x 1GbE MLO 320MHz 4K-QAM DL and UL MU-MIMO • WPA3
- Temp: 0°C to 50°C
- BLE/Zigbee integrated TPM 2.0 PoF powered 802 3at/bt
- Retrocompatible with
- previous standards



Wi-Fi 6E Indoor **OmniAccess**

- - Scanning radio
 - USB 3.0 10GE+10GE

 - Temp: 0°C to 45°C · Max power: 49W
 - PoF powered 802.3bt
 - BLE/Zigbee integrated
- USB 3.0 2.5GE + 2.5GE DL and UL MU-MIMO • WPA3 • Target Wake Time
- Temp: 0°C to 45°C Max power: 25W Retrocompatible with

Wi-Fi 6E Indoor

Wi-Fi 6E Indoor

Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2

and 2.4 GHz 2x2:2 • Max power: 34W

OmniAccess Stellar 1431

• USB 3.0 • 2.5GE + 2.5GE • DL and UL MU-MIMO

• WPA3 • Target Wake Time Temp: 0°C to 45°C

• PoE powered 802.3bt • BLE/Zigbee integrated

OmniAccess Stellar 1411

connectivity, coverage and performance.

Dual Radio: 2.4GHz 2x2+5GHz 2x2 or 2.4GHz

2x2+6GHz 2x2 or 5GHz 2x2+6GHz 2x2

Retrocompatible with previous standards

Indoor premium Wi-Fi 6E access point that provides high-efficiency

and high-performance for high client density environments.

Indoor premium Wi-Fi 6E access point that delivers excellent

- previous standards PoF powered 802.3bt
- · BLE/Zigbee integrated

Wi-Fi 6 Outdoor **OmniAccess**

Stellar 1360

- Ruggedized Wi-Fi 6 access point for outdoor high-density environments
- 3 Gbps 1024 clients 16 SSID · 2 23 Kg · DPI · IP67 rated
- 4 radios 1 dedicated to scanning
- WPA3 DL and UL MU-MIMO Target Wake Time
- Temp: -40°C to 65°C Retrocompatible with
- previous standards Max power: 70W





Wi-Fi 6 Indoor **OmniAccess Stellar 1351** Outstanding bandwidth and speed

for very demanding environments 10 Gbps • 1536 clients • 24 SSID • 1200 c

• DL and UL MU-MIMO • Target Wake Time

- DPI WPA3 Tri radio 2.4Ghz and Dural 5Ghz 1 radio dedicated to scanning
- Temp: 0°C to 45°C Max power: 60W · Retrocompatible with previous standards
- PoE powered 802.3bt BLE/Zigbee integrated

Wi-Fi 6 Indoor **OmniAccess Stellar 1331** Wi-Fi 6 premium mid-range access point for larger

- enterprises with intensive Wi-Fi usage • 3, 55 Gbps • 1024 clients • 32 SSID • TW7
- 985 g DPI Dual Radio DL & UL MU-MIMO • 1 radio dedicated to scanning • Temp: 0°C to
- PoE powered 802.3bt/at BLE/Zigbee integrated
- Retrocompatible with previous standards Max power: 23W



Wi-Fi 6 Indoor **OmniAccess Stellar 1320** Wi-Fi 6 access point for indoor

high-density environments

- 700 g DPI UL2043
- 4 radios 1 dedicated to scanning
- WPA3 DL and UL MU-MIMO Target Wake Time • Temp: 0°C to 50°C
- Retrocompatible with previous standards
- Max power: 18W PoE powered 802.3/at · BLE integrated



Wi-Fi 6 Indoor **OmniAccess Stellar 1311** Wi-Fi 6 premium entry-level for indoor;

cost-effective and versatile for all type of enterprises • 1.77 Gbps • 512 clients • 16 SSID • 582 a

- DPI 4 radios 1 dedicated to scanning
- · WPA3 · DL and UL MU-MIMO
- Target Wake Time Temp: 0°C to 45°C · Retrocompatible with previous standards
- Max power: 19.1 W PoE powered





Wi-Fi 6 Indoor **OmniAccess Stellar 1301H**

Wi-Fi 6 indoor designed for vertical industries and teleworkers

- 1.77 Gbps 1024 clients 32 SSID •320 g • DPI • Dual Radio • WPA3
- · DL & UL MU-MIMO · TWT
- Temp: 0°C to 45°C
- Max power: 12.7 W PoF powered 802 3at/af
- BLE/Zigbee integrated
- · Retrocompatible with previous standards



Wi-Fi 5 Indoor **OmniAccess Stellar 1201** Entry range, affordable, Wi-Fi 5 access point

- for small and large business deployments with IoT devices
- 1.3 Gbps 512 clients 32 SSID • 802.11ac Wave 2 • 310 g • Tri-radio

Wi-Fi 5 Indoor

• 802.11ac Wave 2 • DPI

• Temp: 0°C to 45°C • WPA3

· UL2043 · BLE integrated

• PoE powered 802.3af

• 4 radios - 1 inc. BLE

• 1.4 Ka • MU-MIMO

· Max power: 27.6W

- MU-MIMO Temp: 0°C to 45°C · UL2043 · Max power: 11W · DPI
- PoE powered 802.3af
- BLE and Zigbee integrated





Premium access

OmniSwitch 6860E/6860N

Advanced 24/48 ports 1G/Multigig switch for campus and Data Center networking

PoE+ and non-PoE models • Up to 95W PoE and 3.4 kW PoE budget VxLAN • SPB** • iFab • Virtual chassis • Automatic VLAN

Advanced Layer 3 fanless Ethernet switches designed

VRF • Multicast • IPv4/v6 • JTIC • UNP* • Automatic VLAN

HPoE up to 75W/port • IoT enablement • FIPS 140-2 • iFab

Certified for: DNV MIL Railway Electric substation TAA NEMA-TS2

PoF+ and non-PoF models SFP+ uplinks SPB** Virtual chassis

Temp: -40° C to 75° C • EAL-2/NDcPP • Advanced stacking and routing

Advanced L3 • Fast / Perpetual • High surge tolerance • 802.3bt PoE

to operate in the harshest industrial environments

- · Context-based QoS · |TIC · IPv4/v6 · FIPS · VRF · Advanced routing Multicast • FAL-2/NDcPP • UNP* • Smart analytics

Ruggedized

Application analytics • MACsec encryption

OmniSwitch 6865



OmniSwitch 6570M

- nterprise and Service Provider Networks Metro Ethernet Services enabled · Virtual chassis
- Static/Dynamic routing Multicast UNP





Advanced access OmniSwitch 6560

Cost-effective Layer 2+ 24/48 ports Multigig

- access switch for large IoT-based networks 802.3bt PoE • PoE+ and non-PoE models • 2x20G virtual chassis ports
- Fiber SFP+ ports Modular power supply HPoE up to 95W/port • IoT enablement • User/devices fingerprinting • Static IPv4/v6 routing LINP* • MACsec encryption • Automatic VLAN • Context-based Oos
- Virtual chassis



High-density chassis for core campus and Data Center networks

Virtual chassis
 VRF
 Advanced routing
 MACsec
 Multicast
 IPv4/v6

• 7 Slot modular chassis • 25 6 Th/s aggregated switching capacity

FIPS 140-2 Core network and DC Fabric at 1G/10G/25G/40G/100G

• Programmability: Python, RESTful API, OpenStack • EAL-2/NDcPP

(with two OS9907-CFM2) • Up to 10.800W of PoF budget

Modular core switch

OmniSwitch 9900

Value access

OmniSwitch 6360 Advanced Layer 2+ 10/24/48 ports 1Gb for

- classroom, campus and small/branch enterprise PoE+ and non-PoE models • 10G SFP+ uplinks
- Static IPv4/v6 routing UNP Fiber SFP Ports
- IoT enablement Fanless (10/24 ports) Virtual Chassis Perpetual/Fast PoE • Multigig/HPoE on P48X model



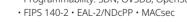
SMB and Websmart access **OmniSwitch 2260/2360**

- Cost Effective 8/24/48 ports stackable, websmart Gigabit Ethernet Switch
- · Virtual chassis · Standalone · PoE+ and non-PoE models
- Static IPv4/v6 routing Fiber SFP Ports Fanless (10/P10/24 ports) Perpetual/Fast PoF • 802.1X/MAC Auth
- Advanced OoS and ACLs
 10G SEP+ unlinks on "X" models
- *Available in select geographies

Stackable core switch **OmniSwitch 6900**

High-performance switch for core campus and Data Center networks

- 1U switches Multiple fixed configurations of 1/10/25/40/100G ports Virtual chassis
 Advanced routing
 VRF
 Multicast
- · IPv4/v6 · ITIC · ISSU · SPR** · UNP* • Programmability: SDN, OVSDB, OpenStack, Python, Rest API, SSH





OmniAccess[®] Stellar Asset Tracking

It provides smart connection to assets, so you can locate equipment and people in real-time,

- Real-time location & geofencing
- Automated & push button security alerts
- People location & people flow
- Workflow optimization · API's for 3rd party integration



Alcatel·Lucent 4

Products

Communications

Network

Products

Alcatel-Lucent OmniVista® Network Advisor

Network Advisor is an AI-powered IT companion that eases network teams' daily operations

- Detect network issues Simplify troubleshooting Accelerate security threat detection
- reaction & mitigation Benchmark network performance
- · Get a comprehensive picture of the health of the network



Stellar 1451 Indoor high-end premium Wi-Fi 6E access point for

increasing IoT needs • 10 Gbps • 1536 clients • 48 SSID • Tri radio 2.4GHz 4x4, 5GHz 8x8 &

- 6GHz 4x4
- DL and UL MU-MIMO • WPA3 • Target Wake Time
- Retrocompatible with previous standards





Advanced access

Advanced 12/28 ports 1G/10G switch for

- Automatic VLAN Advanced QoS IPv4/v6



Ruggedized and high-temperature OmniSwitch 6465/6465T

- Compact hardened fanless 6/12/28 ports Gigabit Ethernet switches for industrial applications PoF+ and non-PoF models • 802.3bt PoF
- HPoE up to 60W/port · Instant/continuous PoE Network automation • Virtual chassis • High surge tolerance DIN mountable • MACsec encryption • Zero touch provisioning



2500 Network **Management System** Unified management and network-wide isibility for your LAN and WLAN infrastructure



campus networks and datacenters



Alcatel-Lucent OmniVista® Alcatel-Lucent OmniVista® **Cirrus Network Management**

Cloud-based network management for LAN and WLAN Web-based user interface Advanced BYOD

Multi-tenant support

Subscription-based offer

· IoT visibility and inventory

Lifecvcle management



Network as a Service by Alcatel-Lucent Enterprise

It is a new way for businesses to purchase network infrastructure—hardware, licenses, applications, and management tools—with agile life cycle services through subscriptions. This is a modular offer to meet your business needs

Free up IT Staff with improved network operations

Predictable costs for your network infrastructure

All-inclusive Support Offer















port directly from the smart client



- Up to 70% of camera problems can be resolved remotely by the VMS operator • Enhances the efficiency and responsiveness of the camera management system
- · Enables you to view cameras connected to the switchboards and provide real-time status of the switches and ports · Allows you to resetting a camera and locking the MAC address to a















Equipment maintenance scheduling





Digital Age Communications

For more information, visit:

www.al-enterprise.com

Alcatel·Lucent 4 Enterprise

Connected platforms Hybrid Cloud

Communications Suite for Small Medium and Large Enterprise

• On premises connected platforms (to cloud services Private or Public SaaS) • Hosted solution • Hybrid IP/SIP/Digital • Integrated Voice Mail Server • Network Management System

OmniPCX Enterprise Purple • MLE business communications • Campus · Centralized multi-site · Virtual or Appliance · Native encryption

Purple on Demand · Simplified and flexible offer based on OmniPCX Enterprise Purple platfor OmniPCX Open Gateway • REST full APIs platform for OmniPCX Enterprise Purple platform

OpenTouch® Session Border Controller • SIP perimeter defense for MLE

OXO Connect • SMB business communications • Compact, Small, Large models

OXO Connect Evolution • 100% IP • Rainbow WebRTC Gateway included

Alcatel-Lucent OmniVista 8770 NMS · Modular network management

Role-based delegation
 VoIP reports

- Unified communications for connected platforms (WebRTC gateway with PBX)
- · Agile mobility · One number service · Phone companion · Call transfer · Audio/video calls • Team collaboration • Secure messaging • File sharing
- Video conferencing up to 49 on-screen participants Meeting room equipment
- Integration with Microsoft 365® and Google Suite®

• SaaS connectors (Office suite, CRM, ERP, ITSM)

Rainbow Hybrid Services Plans: Business - fee/user/month

Enterprise - fee/user/month

Enterprise Dial-in - fee/user/month Dial-in option - fee/minute/connection

Connect option - fee/user/month Room option - fee/room/month

Essential - free of charge



Private Cloud

Rainbow Edge

• For large enterprises that require their data to be hosted on their own instance – in a private cloud or on-premises



- Business communications as a service
- Hosted or on premises
- Based on OmniPCX Enterprise Purple platform

UCaaS Public Cloud

Cloud telephony UCaaS

A complete Cloud-based solution for all your communications needs

All in one: telephony, collaboration and video conferencing Easy to use: single intuitive application available on PC, tablet and smartphone

Flexible: pay per user model with full scalability **Trusted:** a sovereign Cloud platform



RingCentral MVP®

All-in-one Public Cloud UCaaS including traffic available in France, Germany, Austria, Spain, Italy, Belgium, Netherlands, Ireland, United Kingdom, USA, Canada, Singapore, Australia

Message: Seamless team collaboration **Video:** Meetings up to 200 participants

Phone: Call anywhere in the world



Security and Compliance

- ISO 27001 • European GDPR
- · Common Criteria
- EAL2+ certified
- HiPAA French HDS
- ENS
- FFRPA
- IFC Industrial Environmental Encryption of communications
- and data • Single Sign-on (SSO)
- Per solution details on our public web site.



Contact Center Attendant Recording Customer interactions

- OmniTouch® Call Center Office Company greeting Distribution Reporting Statistics
- Built-in OXO Connect Applications Greeting message Automated attendant · Attendant console · Voicemail · Smart call routing · Hospitality features
- **PIMphony** Basic Pro Team Attendant Personal Communication Manager

Solutions for Mid and Large Enterprise

- · ALE Connect · Email, web chat, Twitter, Facebook Messenger · Web-based Agent Desktop
- Hybrid Cloud service with OmniTouch Contact Center SE
- OmniTouch Contact Center SE Call supervision and distribution • **Soft Panel Manager** • Contact Center statistics and business data display in real time
- Visual Automated Attendant Automated 24/7 call routing and greeting
- · Alcatel-Lucent 4059 Extended Edition Attendant Console · Professional welcome PC application • OmniPCX RECORD Suite • Call recording, video and screen capture





Industries

Verticals

Hospitality Deliver superior connected guest

Healthcare Optimize the care pathway for

better outcomes **Education** Simplify the learning experience

• Extend. Engage. Educate. Activate your remote learning experience

- Build thriving, attractive communities
- Transportation
- Better services for staff and travelers through smarter subsystems

Visual Notification Assistant

- Broadcast voice and text messages to phones and applications
- Manage situations including geolocation of ALE phones and softphones **IoT Hub** • Connect IoT to Rainbow and to any workflow

OmniPCX Open Gateway • Integrate communications in your business application of choice **Rainbow Alert** • Priority-based messaging with persistent audio alerts

Remote Visual Assistance · Digitizing and connecting field services for operational excellence Rainbow Classroom • Recreate the physical classroom with real-time collaboration

Rainbow Click-to-Connect • Chat, call with video from within any website

On-premises or in the Cloud with APIs for business processes integration. Third-party solutions with the Alcatel-Lucent Developer and Solution Partner Program: www.al-enterprise.com/partners/dspp























Business application

Connectors for the most popular SaaS applications:

Google Suite

Salesforce

Servicenow

Hubspot

Slack

Okta

integrations

Microsoft Teams

Zendesk

Zoho

Zapier

Amazon

and more...

IP Deskton

PC/Mac/Android

• 7" touch screen

Android apps

or SIP

Smart DeskPhone

· Built-in video camera

Advanced business feat

Microsoft Dynamics



servicenow



G Suite

HubSpot

ALE-400, ALE-500 DeskPhones RingCentral Rooms 3D audio broadcasting

Meeting room integrations

· Start, join and control video meetings in a

RingCentral Room Connector

Connect existing compatible third-party

SIP-based video conferencing devices

- conference room Rainbow Office Rooms kits and appliances
- Audio suitable for large rooms for HD audio and video • Smartphone app Directory lookup • ALE Unite application as controller • Quality analytics

Bluetooth • USB

8135s IP conference phone

· 360° audio capture with 3 microphones

- EGO personal speakerphone

Rainbow Room

 Turn any room into a virtual conference room



















On-site mobility DECT / WLAN

· Bluetooth · Alarms · Worker protection

8262/8262Ex • IP65 • Industrial design • Business features

8254 • IP65 ruggedized • Antibacterial plastics and lens · Business features · Large colour screen

8244 · Business features · Large colour screen · Bluetooth · Alarms · Alarm key on top

8234 · Business features 8214 · GAP mode for essential functions









WLAN handsets





8168s · Business features · SIP/NOE









 Mechanical dial pad ALE-300 · 3.5" colour screen 10 contextual keys with LED

ALE DeskPhones · USB-A, USB-C ports · ALE-10 Alphabetic keyboard

Desk phones Softphones

ALE DeskPhones: Enterprise • Symphonic HD audio • 3D soundbar

- 2xUSB-C ports Dual Gigabit Ethernet port · Business features · Hot-desking mode
- VPN client Customization kits: 4 colours ALE-108 Bluetooth / WLAN module
- ALE-100 Alphabetic keyboard ALE-120 Colour-screen key expansion module
- Bluetooth handset option No handset model ALE-400 · 4.3" touch screen
- 3 microphones Bluetooth handset option

ALE DeskPhones: Essential Widehand audio • Business features

- FM200 colour expansion module ALE-30/30h · 3.5" colour screen
- 10 contextual keys with LED Dual Gigabit Ethernet port
- · Hybrid digital / IP port (ALE-30h) Al F-20/20h · 2 8" backlit screen 6 contextual keys with LED

Dual Gigabit Ethernet port

· Hybrid digital / IP port (ALE-20h) ALE DeskPhones: Basic

• SIP • Dual Gigabit Ethernet port

ALE-3 • 2.8" colour screen • 4 contextual keys • SIP • USB-A • Dual Gigabit Ethernet port ALE-2 • 2.8" backlit screen • 3 contextual keys









ALE SoftPhone

• SIP • LAN • Off-site (SBC)



Audio and video call · Call Centre Agent VOIP/LAN/Off-site (VPN)





 Compact size Advanced telephony · 8008G Dual Gigabit



SIP phones

· 2 USB ports and Expansion Modules for M Seri M8 · 5" colour screen · BT 5.0 · Wi-Fi 20 SIP accounts

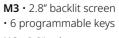


• OpenVPN • PoE • IPv4/IPv6

ALE SIP DeskPhones

· For third-party SIP communication systems

M5 · 2.8" colour screen 8 programmable kevs



H6 • 2.8" colour screen • 4 contextual keys • USB-A port

H3G/H3P · 2.8" backlit screen

