



# OmniSwitch Product Line Matrix

LAN products comparison guide

US Edition

Alcatel·Lucent   
Enterprise

	Family	OmniSwitch 6360	OmniSwitch 6465T	OmniSwitch 6560	OmniSwitch 6465	OmniSwitch 6865	OmniSwitch 6860E/N	OmniSwitch 6900	OmniSwitch 9900
	Class	Value Stack	Extended Temperature Stack	Value Stack	Hardened Stack	Hardened Stack	Advanced Stack	Core Stack	Core Chassis
	Max Switching Capacity	182 Gbps	24 Gbps	304 Gbps	128 Gbps	208 Gbps	1020 Gbps	6.4 Tbps	10.24 Tbps / 51.2 Tbps <sup>1</sup>
INTERFACES	RJ45 GigE	✓	✓	✓	✓	✓	✓	✗	✓
	MultiGig	✓	✗	✓	✗	✗	✓	✗	✓
	10Gbase-T	✗	✗	✗	✗	✗	✓	✓	✓
	SFP	✓	✓	✓	✓	✓	✓	✓	✓
	SFP+	✓	✗	✓	✓	✓	✓	✓	✓
	SFP28	✗	✗	✗	✗	✗	✓	✓	✗
	QSFP+	✗	✗	✗	✗	✗	✓	✓	✓
	QSFP28	✗	✗	✗	✗	✗	✓	✓	✓
POE	PoE	✓	✓	✓	✓	✓	✓	✗	✓
	802.3bt	✓	✗	✓	✓	✗	✓	✗	✗
	Max PoE budget	760 W	115 W	1 645 W	285 W	300 W	3 390 W	✗	10 800 W
	Fast PoE/Perpetual PoE	✓	✗	✗	✓	✓	✓	✗	✗
REDUNDANCY	Power supply redundancy	✗	✗	✓	✓	✓	✓	✓	✓
	Alarm contacts	✗	✗	✗	✓	✗	✗	✗	✗
	Virtual Chassis Size	4	4	8	4	8	8	6	2
	Max VFL speed	10G	1G	20G	10G	20G	100G	100G	100G
INDUSTRIAL	1588v2	✗	✓	✓	✓	✓	✓	✗	✗
	MACsec	✗	✓	✓	✓	✗	✓	✓	✓
	ERP	✗	✓	✓	✓	✓	✓	✓	✓
	MRP	✗	✓	✗	✓	✓	✗	✗	✗
AUTOMATION	ZTP	✓	✓	✓	✓	✓	✓	✓	✓
	Intelligent Fabric	✓	✓	✓	✓	✓	✓	✓	✓
	IoT device profiling	✓	✓	✓	✓	✓	✓	✓	✓
	Programmability	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python
SIZE	Height	1 RU	1 RU	1 RU	4.4 - 15 cm	1 or 2 RU	1 RU	1 RU	11 RU
	Switch Mount Type	Half Rack or Full Rack	Half Rack	Full Rack	Din mount (8 cm) or Full Rack	Full Rack	Full Rack	Full Rack	Full Rack
	Depth	22 - 33 cm	28 cm	35 cm	15 - 27 cm	26 - 27 cm	35 - 44 cm	47 - 56 cm	58.4 cm
SCALABILITY	Max MAC capacity	16 K	16 K	16 K	16 K	48 K	81 K	131 K	128 K
	Max ARP capacity	256	256	1024	256	16 K	48 K	48 K	24 K
	Max Route capacity	64	128	256	128	64 K	128 K	324 K	128 K
ROUTING	Static Route	Limited	Limited	Limited	Limited	✓	✓	✓	✓
	RIP	✗	Limited	Limited	Limited	✓	✓	✓	✓
	OSPF	✗	✗	Limited	✗	✓	✓	✓	✓
	BGP	✗	✗	✗	✗	✓	✓	✓	✓
VIRTUALIZATION	SPB	✗	✗	✗	✗	✓	✓	✓	✓
	VXLAN	✗	✗	✗	✗	✗	✓	✓	✓
	MPLS	✗	✗	✗	✗	✗	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>
DC	OVSDB	✗	✗	✗	✗	✗	✗	✓	✗
	RoCE	✗	✗	✗	✗	✗	✗	✓	✗
	Nutanix Support	✗	✗	✗	✗	✗	✗	✓	✗
MISC.	ISSU	✓	✓	✓	✓	✓	✓	✓	✓
	DIN rail mounting	✗	✗	✗	✓	✗	✗	✗	✗
	DNV certified models	✗	✗	✗	✓	✓	✗	✓	✗



# Simplicity is a security feature

We believe the easier it is to operate and manage a network, the more secure it will be. Simplicity reduces the potential for errors which can leave areas vulnerable.

The ALE OmniSwitch takes simplicity to the next level with:

- Security by default
- Edge, hardened, core switches using the **same secure level code**
- **IoT automatic containment**
- **Micro-segmentation** & Zero-trust network architecture
- Deep Packet Inspection (DPI)
- **Single management system**, unified for OmniSwitches & OmniAccess Stellar WLAN solutions
- Operation at wire-rate speeds
- **Shortest Path Bridging (SPB)**
- Real-time management of remote operations using videos

## Alcatel-Lucent Enterprise delivers Ethernet Switches for today and tomorrow

<sup>1</sup> Support planned in future release

**RU** : Rack Unit

The feature support and the scalability may be different based on each model. Please refer to the datasheet and latest release note for the detail.

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