

OmniSwitch Product Line Matrix

LAN products comparison guide



Alcatel · Lucent

	Family	OmniSwitch 2260/2360	OmniSwitch 6360	OmniSwitch 6465T	OmniSwitch 6560	OmniSwitch 6465	OmniSwitch 6865	OmniSwitch 6860E/N	OmniSwitch 6900	OmniSwitch 9900
	Class	SMB Value Stack	Value Stack	Extended Temperature Stack	Value Stack	Hardened Stack	Hardened Stack	Advanced Stack	Core Stack	Core Chassis
	Max Switching Capacity	180 Gbps	182 Gbps	24 Gbps	304 Gbps	128 Gbps	208 Gbps	1020 Gbps	6.4 Tbps	10.24 Tbps / 51.2 Tbps ¹
	RJ45 GigE	1	1	 ✓ 	1	✓	1	1	×	~
	MultiGig	×	1	×	1	×	×	1	×	1
S	10Gbase-T	×	×	×	×	×	×	1	1	1
INTERFACES	SFP	1	1	1	1	1	1	1	1	1
JTERI	SFP+	1	1	×	1	1	1	1	1	1
VI	SFP28	×	×	×	×	×	×	1	1	×
	QSFP+	×	×	×	×	×	×	1	1	1
	QSFP28	×	×	×	×	×	×	1	1	1
	РоЕ	1	1	1	1	1	1	1	×	1
ш	802.3bt	×	1	×	1	1	×	1	×	×
POE	Max PoE budget	740 W	760 W	115 W	1 645 W	285 W	300 W	3 390 W	×	10 800 W
	Fast PoE/Perpetual PoE	1	1	×	×	1	1	1	×	×
5	Power supply redundancy	×	×	×	1	1	1	1	1	1
DANCY	Alarm contacts	×	×	×	×	1	×	×	×	×
REDU	Virtual Chassis Size	X 4 ¹	4	4	8	4	8	8	6	2
_	Max VFL speed	× 10g1	10 G	1G	20 G	10 G	20 G	100g	100g	100 G
_	1588v2	×	×	1	1	1	1	1	×	×
TRIA	MACsec	×	×	1	1	1	×	1	1	1
INDUSTRIAL	ERP	×	×	 Image: A second s	×	 Image: A second s	×	 Image: A second s	×	×
I	MRP	×	×	1	×	1	1	×	×	×
Z	ZTP	1	1	 Image: A second s	1	 Image: A second s	1	 Image: A second s	1	 Image: A start of the start of
IATIC	Intelligent Fabric	×	1	1	1	1	1	1	1	1
AUTOMATION	IoT device profiling	×	1	1	1	1	1	1	1	1
۷	Programmability	×	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python
	Height	1 RU	1 RU	1 RU	1 RU	4.4 - 15 cm	1 or 2 RU	1 RU	1 RU	11 RU
SIZE	Switch Mount Type	Half Rack or Full Rack	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	28 - 30 cm	22 - 33 cm	28 cm	35 cm	15 - 27 cm	26 - 27 cm	35 - 44 cm	47 - 56 cm	58.4 cm
λIJ	Max MAC capacity	16 К 32 К	16 К	16 K	16 K	16 K	48 K	81 К	131 к	128 К
SCALABILITY	Max ARP capacity	256	256	256	1024	256	16 K	48 K	48 K	24 K
SCA	Max Route capacity	2 32	64	128	256	128	64 K	128 K	324 К	128 K
	Static Route	Limited	Limited	Limited	Limited	Limited	×	1	×	×
ROUTING	RIP	×	×	Limited	Limited	Limited	×	1	1	1
ROU ⁻	OSPF	×	×	×	Limited	×	1	1	1	1
	BGP	×	×	×	×	×	1	1	1	1
-A2	SPB	×	×	×	×	×	1	1	√	✓
VIRTUALIZA- TION	VXLAN	×	×	×	×	×	×	1	1	1
VIR'	MPLS	×	×	×	×	×	×	✓1	✓1	✓1
	OVSDB	×	×	×	×	×	×	×	 Image: A start of the start of	×
DC	RoCE	×	×	×	×	×	×	×	1	×
	Nutanix Support	×	×	×	×	×	×	×	1	×
		×	1	1	1	1	1	1	1	1
	ISSU	•••	•	•	•	-				
MISC.	DIN rail mounting	*	×	×	×	1	×	×	×	×

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



¹ Support planned in future release
² Weight of chassis **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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