OmniSwitch Product Line Matrix

LAN products comparison guide

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Click on each product picture to get the product datasheet

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	Family	OmniSwitch 2260 | 2360	OmniSwitch 6360	OmniSwitch 6560	OmniSwitch 6465T	OmniSwitch 6465	OmniSwitch 6865	OmniSwitch 6570M	OmniSwitch 6860E/N	OmniSwitch 6900	OmniSwitch 9900
	Class	SMB Value Stack	Value Stack	Value Stack	Extended Temp. Stack	Hardened Stack	Hardened Stack	Value Stack	Advanced Stack	Core Stack	Core Chassis
	Hardware Limited Lifetime Warranty	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	Max Capacity	180 Gbps	182 Gbps	304 Gbps	24 Gbps	128 Gbps	208 Gbps	210 Gbps	1020 Gbps	6.4 Tbps	25.6 Tbps / 51.2 Tbps
INTERFACES	RJ45 GigE	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
INTERFACES	MultiGig	✖	✔	✔	✖	✖	✖	✔	✔	✖	✔
INTERFACES	10Gbase-T	✖	✖	✖	✖	✖	✖	✖	✔	✔	✔
INTERFACES	SFP	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
INTERFACES	SFP+	✔	✔	✔	✖	✔	✔	✔	✔	✔	✔
INTERFACES	SFP28	✖	✖	✖	✖	✖	✖	✖	✔	✔	✖
INTERFACES	QSFP+	✖	✖	✖	✖	✖	✖	✖	✔	✔	✔
INTERFACES	QSFP28	✖	✖	✖	✖	✖	✖	✖	✔	✔	✔
POE	PoE	✔	✔	✔	✔	✔	✔	✖	✔	✖	✔
POE	802.3bt	✖	✔	✔	✖	✔	✖	✖	✔	✖	✖
POE	Max PoE budget	740 W	760 W	1 645 W	115 W	285 W	300 W	✖	3 390 W	✖	10 800 W
POE	Fast or Perpetual PoE	✔	✔	✖	✖	✔	✔	✖	✔	✖	✖
REDUDANCY	Power supply redundancy	✖	✖	✔	✖	✔	✔	✔	✔	✔	✔
REDUDANCY	Alarm contacts	✖	✖	✖	✖	✔	✖	✖	✖	✖	✖
REDUDANCY	Virtual Chassis Size	✖ 4	4	8	4	4	8	4	8	6	OS9907 2 / OS9912[1]
REDUDANCY	Max VFL speed	✖ 10G	10G	20G	1G	10G	20G	10G	100G	100G	100G
INDUSTRIAL	1588v2	✖	✖	✔	✔	✔	✔	✖	✔	✖	✖
INDUSTRIAL	MACsec	✖	✖	✔	✔	✔	✖	✔	✔	✔	✔
INDUSTRIAL	ERP	✖	✖	✔	✔	✔	✔	✔	✔	✔	✔
INDUSTRIAL	MRP	✖	✖	✖	✔	✔	✔	✖	✖	✖	✖
AUTOMATION	ZTP	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
AUTOMATION	Intelligent Fabric	✖	✔	✔	✔	✔	✔	✔	✔	✔	✔
AUTOMATION	IoT device profiling	✖	✔	✔	✔	✔	✔	✔	✔	✔	✔
AUTOMATION	Programmability	✖	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python	Rest / Python
SIZE	Height	1 RU	1 RU	1 RU	1 RU	4.4 - 15 cm	1 or 2 RU	1 RU	1 RU	1 RU	11/17.25 RU
SIZE	Switch Width	Half Rack or Full Rack	Half Rack or Full Rack	Full Rack	Half Rack	Din mount (8 cm) or Full Rack	Full Rack	Half Rack or Full Rack	Full Rack	Full Rack	Full Rack
SIZE	Depth	28 - 30 cm	22 - 33 cm	35 cm	28 cm	15 - 27 cm	26 - 27 cm	28 - 33.5 cm	35 - 44 cm	47 - 56 cm	58.4 cm
SCALABILITY	Max MAC capacity	16 K 32 K	16 K	16 K	16 K	16 K	48 K	32 K	81 K	228 K	128 K
SCALABILITY	Max ARP capacity	256	256	1024	256	256	16 K	1024	48K	48K	24 K
SCALABILITY	Max Route capacity	2 32	64	256	128	128	64 K	256	128 K	324 K	128 K
ROUTING	Static Route	✔	✔	✔	✔	Limited	✔	✔	✔	✔	✔
ROUTING	RIP	✖	✖	✔	Limited	Limited	✔	✔	✔	✔	✔
ROUTING	OSPF	✖	✖	Limited	✖	✖	✔	✖	✔	✔	✔
ROUTING	BGP	✖	✖	✖	✖	✖	✔	✖	✔	✔	✔
VIRTUALIZATION	SPB	✖	✖	✖	✖	✖	✔	✖	✔	✔	✔
VIRTUALIZATION	VXLAN	✖	✖	✖	✖	✖	✖	✖	✔	✔	✔
VIRTUALIZATION	MPLS	✖	✖	✖	✖	✖	✖	✖	✔[1]	✔[1]	✔[1]
DC	OVSDB	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖
DC	RoCE	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖
DC	Nutanix Support	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖
MISC.	ISSU	✖	✔	✔	✔	✔	✔	✔	✔	✔	✔
MISC.	DIN rail mounting	✖	✖	✖	✖	✔	✔	✖	✖	✖	✖
MISC.	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

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[1] 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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