

OmniSwitch Product Line Matrix

LAN products comparison guide



	Family	OmniSwitch 2260 2360	OmniSwitch 6360	OmniSwitch 6560/E	OmniSwitch 6465T	OmniSwitch 6465	OmniSwitch 6865	OmniSwitch 6570M
	Class	SMB Value Stack	Value Stack	Value Stack	Extended Temp. Stack	Hardened Stack	Hardened Stack	Value Stack
	Hardware Limited Lifetime Warranty	✓	✓	 Image: A second s		1	 Image: A second s	1
	Max Capacity	180 Gbps	182 Gbps	324 Gbps	24 Gbps	128 Gbps	208 Gbps	210 Gbps
	RJ45 GigE	1	✓ ✓	✓	 ✓ 	 ✓ 	 Image: A second s	1
	MultiGig	×	1	1	×	×	×	1
	10Gbase-T	×	1	×	×	×	×	×
ACES	SFP	1	1	1	1	1	1	1
INTERFACES	SFP+	1	1	1	×	1	1	1
E	SFP28	×	×	×	×	×	×	×
	QSFP+	×	×	×	×	×	×	×
	QSFP28	×	×	×	×	×	×	×
	PoE	1	 Image: A second s	1	 Image: A second s	 Image: A set of the set of the	 Image: A second s	×
	802.3bt	×	1	1	×	 Image: A second s	 Image: A second s	×
POE	Max PoE budget	740 W	760 W	1 645 W	115 W	285 W	300 W	×
	Fast / Perpetual PoE	1	1	×	×	 Image: A second s	 Image: A second s	×
	Power supply redundancy	×	×	1	×	✓	✓	✓
ANCY	Alarm contacts	×	×	×	×	1	×	×
REDUDANCY	Virtual Chassis Size	1 8	8	8	4	4	8	4
	Max VFL speed	10g 10g	10 G	20 G	1 G	10 G	20 G	10 G
	1588v2	×	×	1	 Image: A second s	 Image: A second s	 Image: A second s	×
rrial	MACsec	×	×	1	1	1	×	1
INDUSTRIAL	ERP	×	1	1	 Image: A set of the set of the	1	×	1
I	MRP	×	×	×	 Image: A second s	 Image: A second s	 Image: A second s	×
	ZTP	1	 Image: A second s	1	 Image: A second s	v	 Image: A second s	1
NOIL	Intelligent Fabric	×	1	1	1	1	1	1
AUTOMATION	IoT device profiling	×	✓	 Image: A second s	 Image: A second s	 Image: A second s	 Image: A second s	×
A	Programmability	×	Rest / Python	Rest / Python				
	Height							
SIZE		1 RU	1 RU	1 RU	1 RU	4.4 - 15 cm	1 or 2 RU	1 RU
~	Switch Width	1 RU Half Rack or Full Rack	1 RU Half Rack or Full Rack	1 RU Full Rack	1 RU Half Rack	4.4 - 15 cm Din mount* or Full Rack	1 or 2 RU Full Rack	1 RU Half Rack or Full Rack
S	Switch Width Depth	Half Rack or Full	Half Rack			Din mount* or Full		Half Rack
		Half Rack or Full Rack	Half Rack or Full Rack	Full Rack	Half Rack	Din mount* or Full Rack	Full Rack	Half Rack or Full Rack
	Depth	Half Rack or Full Rack 28 - 30 cm	Half Rack or Full Rack 22 - 33 cm	Full Rack 35 cm	Half Rack 28 cm	Din mount* or Full Rack 15 - 27 cm	Full Rack 26 - 27 cm	Half Rack or Full Rack 28 - 33.5 cm
	Depth Max MAC capacity	Half Rack or Full Rack 28 - 30 cm 32K 32K	Half Rack or Full Rack 22 - 33 cm 16K	Full Rack 35 cm 16K	Half Rack 28 cm 16K	Din mount* or Full Rack 15 - 27 cm 16K	Full Rack 26 - 27 cm 48K	Half Rack or Full Rack 28 - 33.5 cm 32K
	Depth Max MAC capacity Max ARP capacity Max Route	Half Rack or Full Rack 28 - 32K 32K 32K 32K 25-5 32K	Half Rack or Full Rack 22 - 33 cm 16K 256	Full Rack 35 cm 16K 2K	Half Rack 28 cm 16K 256	Din mount* or Full Rack 15 - 27 cm 16K 256	Full Rack 26 - 27 cm 48K 16K	Half Rack or Full Rack 28 - 33.5 cm 32K 8K
SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route capacity	Haif Rack or Full Rack 28 - 3 32K 32K 32K 22 - 3 32K	Half Rack or Full Rack 22 - 33 cm 16K 256 64	Full Rack 35 cm 16K 2K 2K	Half Rack 28 cm 16K 256 128	Din mount* or Full Rack 15 - 27 cm 16K 256 128	Full Rack 26 - 27 cm 48K 16K 64K	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K
SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route capacity Static Route	Half Rack or Full Rack 28 - 3 32K 32K 32K 2 32K 2 32 2 32	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓	Full Rack 35 cm 16K 2K 2K €	Half Rack 28 cm 16K 256 128	Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited	Full Rack 26 - 27 cm 48K 16K 64K	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K
SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Static Route RIP	Haif Rack or Full Rack 28 - 32 32K	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ ★	Full Rack 35 cm 16K 2K 2K ✓ ✓	Half Rack 28 cm 16K 256 128 ✓ Limited	Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited Limited	Full Rack 26 - 27 cm 48K 16K 64K ✓	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K ✓
ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Capacity Static Route RIP OSPF	Haif Rack or Full Rack 28 - 32 32K	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ ★	Full Rack 35 cm 16K 2K 2K 2K 	Half Rack 28 cm 16K 256 128 Limited	Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited Limited Limited	Full Rack 26 - 27 cm 48K 16K 64K ✓	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K ✓ ✓
ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Static Route RIP OSPF BGP	Haif Rack or Full Rack 28 - 32 32K 32K <t< td=""><td>Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ ★ ★</td><td>Full Rack 35 cm 16K 2K 2K 2K ✓ ↓ Limited</td><td>Half Rack 28 cm 16K 256 128 ✓ Limited × ×</td><td>Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited Limited Limited</td><td>Full Rack 26 - 27 cm 48K 16K 64K ✓ ✓ ✓ ✓ ✓</td><td>Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K ✓ ✓ ✓ ✓</td></t<>	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ ★ ★	Full Rack 35 cm 16K 2K 2K 2K ✓ ↓ Limited	Half Rack 28 cm 16K 256 128 ✓ Limited × ×	Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited Limited Limited	Full Rack 26 - 27 cm 48K 16K 64K ✓ ✓ ✓ ✓ ✓	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K ✓ ✓ ✓ ✓
ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Max Route Static Route RIP OSPF BGP SPB	Haif Rack or Full Rack 28 - 32 32K	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ × × × × × × × × × × × × × × × × × ×	Full Rack 35 cm 16K 2K 2K 2K Curristed X	Half Rack 28 cm 16K 256 128 ✓ Limited × × ×	Din mount* or Full Rack 15 - 27 cm 16K 256 128 Limited Limited Limited X	Full Rack 26 - 27 cm 48K 16K 64K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Max Route Static Route Static Route GSPF BGP SPB VxLAN	Haif Rack or Full Rack 28 - 32 32K	Half Rack or Full Rack 22 - 33 cm 16K 256 64 ✓ × × × × × × × × × × × × × × × × × ×	Full Rack 35 cm 16K 2K 2K	Half Rack 28 cm 16K 256 128 128 128 128 128 128 128 128 128 128	Din mount* or Full Rack	Full Rack 26 - 27 cm 48K 16K 64K · · · · · · · · · · · ·	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
VIRTUALIZATION ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Static Route Static Route OSPF BGP SPB VxLAN MPLS	Haif Rack or Full Rack 28 - 32 32K 32K </td <td>Half Rack or Full Rack 22 - 33 cm 16K 256 64 </td> <td>Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited × × × × × × × × × × × × × × ×</td> <td>Half Rack 28 cm 16K 256 128 ✓ Limited ×</td> <td>Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited × × × × × × × × × × × × × × × × × × ×</td> <td>Full Rack 26 - 27 cm 48K 16K 64K · <</td> <td>Haif Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td>	Half Rack or Full Rack 22 - 33 cm 16K 256 64 	Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited × × × × × × × × × × × × × × ×	Half Rack 28 cm 16K 256 128 ✓ Limited ×	Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited × × × × × × × × × × × × × × × × × × ×	Full Rack 26 - 27 cm 48K 16K 64K · <	Haif Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
VIRTUALIZATION ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max Route Static Route Static Route OSPF BGP SPB VxLAN MLS OVSDB	Hail Rack or Full Rack 28 - 32 32K 32K </td <td>Half Rack or Full Rack 22 - 33 cm 16K 256 64 </td> <td>Full Rack 35 cm 16K 2K 2K .</td> <td>Half Rack 28 cm 16K 256 128 · Limited ×</td> <td>Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×</td> <td>Full Rack 26 - 27 cm 48K 16K 64K 4 4 4 4 4 4 4 4 4 4 4 4 4</td> <td>Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td>	Half Rack or Full Rack 22 - 33 cm 16K 256 64 	Full Rack 35 cm 16K 2K 2K .	Half Rack 28 cm 16K 256 128 · Limited ×	Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×	Full Rack 26 - 27 cm 48K 16K 64K 4 4 4 4 4 4 4 4 4 4 4 4 4	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
DC VIRTUALIZATION ROUTING SCALABILITY	Depth Max MAC capacity Max ARP capacity Max ARP capacity Max ARP capacity Static Route Static Route GSPF BGP SPB VxLAN MPLS OVSDB ROCE	Haif Rack or Full Rack 28 - 32 32K 32K </td <td>Half Rack or Full Rack 22 - 33 cm 22 - 33 cm 16K 256 64 ✓ × </td> <td>Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited ×</td> <td>Half Rack 28 cm 16K 256 128 ✓ Limited ×</td> <td>Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×</td> <td>Full Rack 26 - 27 cm 48K 16K 64K 0 √ <</td> <td>Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td>	Half Rack or Full Rack 22 - 33 cm 22 - 33 cm 16K 256 64 ✓ ×	Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited ×	Half Rack 28 cm 16K 256 128 ✓ Limited ×	Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×	Full Rack 26 - 27 cm 48K 16K 64K 0 √ <	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
MISC. DC VIRTUALIZATION ROUTING SCALABILITY S	Depth Max MAC capacity Max ARP capacity Max Route Max Route Static Route RIP BGP SPB VxLAN MPLS OVSDB ROCE Nutanix Support	Haif Rack or Full Rack 28 - 32 32K 32K </td <td>Half Rack or Full Rack 22 - 33 cm 16K 256 64</td> <td>Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited × ×</td> <td>Half Rack 28 cm 16K 256 128 ✓ Limited ×</td> <td>Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×</td> <td>Full Rack 26 - 27 cm 48K 16K 64K 64K ✓</td> <td>Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td>	Half Rack or Full Rack 22 - 33 cm 16K 256 64	Full Rack 35 cm 16K 2K 2K ✓ ✓ Limited × ×	Half Rack 28 cm 16K 256 128 ✓ Limited ×	Din mount* or Full 15 - 27 cm 16K 256 128 Limited Limited ×	Full Rack 26 - 27 cm 48K 16K 64K 64K ✓	Half Rack or Full Rack 28 - 33.5 cm 32K 8K 16K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

¹ Support planned in future release
² OS2260 and OS2360 are not available for sale in the US RU : Rack Unit
* Din mout 8 cm

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



	Family	OmniSwitch 6860E/N	OmniSwitch 6870	OmniSwitch 6900	OmniSwitch 9900
	Class	Advanced Stack	Advanced Stack	Core Stack	Core Chassis
	Hardware Limited Lifetime Warranty	1	×	✓	 Image: A second s
	Max Capacity	1020 Gbps	2 Tbps	6.4 Tbps	25.6 Tbps / 51.2 Tbps
	RJ45 GigE	1	×	 Image: A second s	 Image: A second s
	MultiGig	 Image: A second s	1	×	1
ŝ	10Gbase-T	1	1	 Image: A second s	 Image: A second s
INTERFACES	SFP	 Image: A set of the set of the	 Image: A set of the set of the	 Image: A set of the set of the	 Image: A set of the set of the
INTER	SFP+	 Image: A second s	✓	 Image: A second s	 Image: A second s
	SFP28	 Image: A second s	✓	✓	×
	QSFP+	✓	1	✓	✓
	QSFP28	✓	✓	 Image: A start of the start of	✓
	PoE	 Image: A set of the set of the	1	×	✓
ш	802.3bt	 Image: A set of the set of the	✓	NA	×
POE	Max PoE budget	3 390 W	3 311 W	NA	10 800 W
	Fast / Perpetual PoE	 Image: A start of the start of	✓	NA	×
	Power supply redundancy	1	×	 Image: A second s	×
ANCY	Alarm contacts	×	×	×	×
REDUDANCY	Virtual Chassis Size	8	8	6	OS9907 <mark>2</mark> / OS9912 ¹
	Max VFL speed	100 G	200 G	100 G	100g
	1588v2	1	 Image: A second s	×	×
SIAL	MACsec	1	1	 Image: A set of the set of the	1
INDUSTRIAL					
IND	ERP	<i>✓</i>	1	v	v
	MRP	×	×	×	×
Z	ZTP	1	1	 Image: A start of the start of	1
MATIC	Intelligent Fabric	 Image: A second s	1	✓	✓
AUTOMATION	IoT device profiling	 Image: A start of the start of	 Image: A start of the start of	 Image: A set of the set of the	 Image: A set of the set of the
٩	Programmability	Rest / Python	Rest / Python	Rest / Python	Rest / Python
	Height	1 RU	1 RU	1 RU	11/17.25 RU
SIZE	Switch Width	Full Rack	Full Rack	Full Rack	Full Rack
	Depth	35 - 44 cm	35 - 44.2 cm	47 - 56 cm	58.4 cm
λĽ	Max MAC capacity	64K	128K	228K	128K
SCALABILITY	Max ARP capacity	24K	64K	48K	64K
SCA	Max Route capacity	144К	116к	324К	128К
	Static Route	1	 Image: A second s	 Image: A second s	×
DNI	RIP	1	 Image: A second s	1	×
ROUTING	OSPF	1	1	 Image: A second s	1
	BGP	1	 Image: A second s	 Image: A second s	 Image: A set of the set of the
NOI	SPB	✓	✓	 Image: A second s	1
VIRTUALIZAT	VxLAN	 Image: A set of the set of the	×	×	1
VIRTU	MPLS	1	√1	√1	✓1
	OVSDB	×	×	1	×
Ы	RoCE	×	×	✓	×
	Nutanix Support	×	×	✓	×
	ISSU	 Image: A second s	✓	✓	1
MISC.	DIN rail mounting	×	×	×	×
	DNV certified models	×	×	×	×

Click on each product picture to get the product **datasheet**

ALE OmniSwitch for a futureproof network infrastructure

With their advanced features, those switches

are meant for data centers, enterprises, and campus networks, providing:
scalability,
seamless connectivity,
and robust security.

¹ Support planned in future release ² OS2260 and OS2360 are **not available**

² OS2260 and OS2360 are **not available for sale in the US RU** : Rack Unit * Din mout 8 cm The feature support and the scalability may be different based on each model. Please refer to the **datasheet** and latest **release note** for more details.





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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