



OmniSwitch Product Line Matrix

LAN products comparison guide

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

| | 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 | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Max Capacity | | 180 Gbps | | 182 Gbps | 324 Gbps | 24 Gbps | 128 Gbps | 208 Gbps | 210 Gbps |
| INTERFACES | RJ45 GigE | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MultiGig | ✗ | | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ |
| | 10Gbase-T | ✗ | | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | SFP | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | SFP+ | ✓ | | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ |
| | SFP28 | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | QSFP+ | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | QSFP28 | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| POE | PoE | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 802.3bt | ✗ | | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ |
| | Max PoE budget | 740 W | | 760 W | 1 645 W | 115 W | 285 W | 300 W | ✗ |
| | Fast / Perpetual PoE | ✓ | | ✓ | ✗ | ✗ | ✓ | ✓ | ✗ |
| REDUNDANCY | Power supply redundancy | ✗ | | ✗ | ✓ | ✗ | ✓ | ✓ | ✓ |
| | Alarm contacts | ✗ | | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |
| | Virtual Chassis Size | 1 | 8 | 8 | 8 | 4 | 4 | 8 | 4 |
| | Max VFL speed | 10G | 10G | 10G | 20G | 1G | 10G | 20G | 10G |
| 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 |
| SIZE | Height | 1 RU | | 1 RU | 1 RU | 1 RU | 4.4 - 15 cm | 1 or 2 RU | 1 RU |
| | Switch Width | 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 | 28 - 30 cm | | 22 - 33 cm | 35 cm | 28 cm | 15 - 27 cm | 26 - 27 cm | 28 - 33.5 cm |
| SCALABILITY | Max MAC capacity | 32K | 32K | 16K | 16K | 16K | 16K | 48K | 32K |
| | Max ARP capacity | 256 | | 256 | 2K | 256 | 256 | 16K | 8K |
| | Max Route capacity | 2 | 32 | 64 | 2K | 128 | 128 | 64K | 16K |
| ROUTING | Static Route | ✓ | | ✓ | ✓ | ✓ | Limited | ✓ | ✓ |
| | RIP | ✗ | | ✗ | ✓ | Limited | Limited | ✓ | ✓ |
| | OSPF | ✗ | | ✗ | Limited | ✗ | ✗ | ✓ | ✓ |
| | BGP | ✗ | | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ |
| VIRTUALIZATION | SPB | ✗ | | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ |
| | VxLAN | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | MPLS | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| DC | OVSDB | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | RoCE | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Nutanix Support | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| MISC. | ISSU | ✗ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | DIN rail mounting | ✗ | | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ |
| | DNV certified models | ✗ | | ✗ | ✓ | ✗ | ✓ | ✗ | ✗ |

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 | ✓ | ✓ | ✓ | ✓ |
| | Max Capacity | 1020 Gbps | 2 Tbps | 6.4 Tbps | 25.6 Tbps / 51.2 Tbps |
| INTERFACES | RJ45 GigE | ✓ | ✓ | ✓ | ✓ |
| | MultiGig | ✓ | ✓ | ✗ | ✓ |
| | 10Gbase-T | ✓ | ✓ | ✓ | ✓ |
| | SFP | ✓ | ✓ | ✓ | ✓ |
| | SFP+ | ✓ | ✓ | ✓ | ✓ |
| | SFP28 | ✓ | ✓ | ✓ | ✗ |
| | QSFP+ | ✓ | ✓ | ✓ | ✓ |
| | QSFP28 | ✓ | ✓ | ✓ | ✓ |
| POE | PoE | ✓ | ✓ | ✗ | ✓ |
| | 802.3bt | ✓ | ✓ | NA | ✗ |
| | Max PoE budget | 3 390 W | 3 311 W | NA | 10 800 W |
| | Fast / Perpetual PoE | ✓ | ✓ | NA | ✗ |
| REDUNDANCY | Power supply redundancy | ✓ | ✓ | ✓ | ✓ |
| | Alarm contacts | ✗ | ✗ | ✗ | ✗ |
| | Virtual Chassis Size | 8 | 8 | 6 | OS9907 2 / OS9912 ¹ |
| | Max VFL speed | 100G | 200G | 100G | 100G |
| INDUSTRIAL | 1588v2 | ✓ | ✓ | ✗ | ✗ |
| | MACsec | ✓ | ✓ | ✓ | ✓ |
| | ERP | ✓ | ✓ | ✓ | ✓ |
| | MRP | ✗ | ✗ | ✗ | ✗ |
| AUTOMATION | ZTP | ✓ | ✓ | ✓ | ✓ |
| | Intelligent Fabric | ✓ | ✓ | ✓ | ✓ |
| | IoT device profiling | ✓ | ✓ | ✓ | ✓ |
| | Programmability | Rest / Python | Rest / Python | Rest / Python | Rest / Python |
| SIZE | Height | 1 RU | 1 RU | 1 RU | 11/17.25 RU |
| | Switch Width | Full Rack | Full Rack | Full Rack | Full Rack |
| | Depth | 35 - 44 cm | 35 - 44.2 cm | 47 - 56 cm | 58.4 cm |
| SCALABILITY | Max MAC capacity | 64K | 128K | 228K | 128K |
| | Max ARP capacity | 24K | 64K | 48K | 64K |
| | Max Route capacity | 144K | 116K | 324K | 128K |
| ROUTING | Static Route | ✓ | ✓ | ✓ | ✓ |
| | RIP | ✓ | ✓ | ✓ | ✓ |
| | OSPF | ✓ | ✓ | ✓ | ✓ |
| | BGP | ✓ | ✓ | ✓ | ✓ |
| VIRTUALIZATION | SPB | ✓ | ✓ | ✓ | ✓ |
| | VxLAN | ✓ | ✓ | ✓ | ✓ |
| | MPLS | ✓ | ✓ ¹ | ✓ ¹ | ✓ ¹ |
| DC | OVSDB | ✗ | ✗ | ✓ | ✗ |
| | RoCE | ✗ | ✗ | ✓ | ✗ |
| | Nutanix Support | ✗ | ✗ | ✓ | ✗ |
| MISC. | ISSU | ✓ | ✓ | ✓ | ✓ |
| | DIN rail mounting | ✗ | ✗ | ✗ | ✗ |
| | DNV certified models | ✗ | ✗ | ✗ | ✗ |

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ALE OmniSwitch for a future-proof 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 for sale in the US**

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* Din mout 8 cm

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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