

# AurCore 2026 Product Portfolio

Scalable Networking for Data  
Center, Enterprise & Industrial  
Infrastructure.



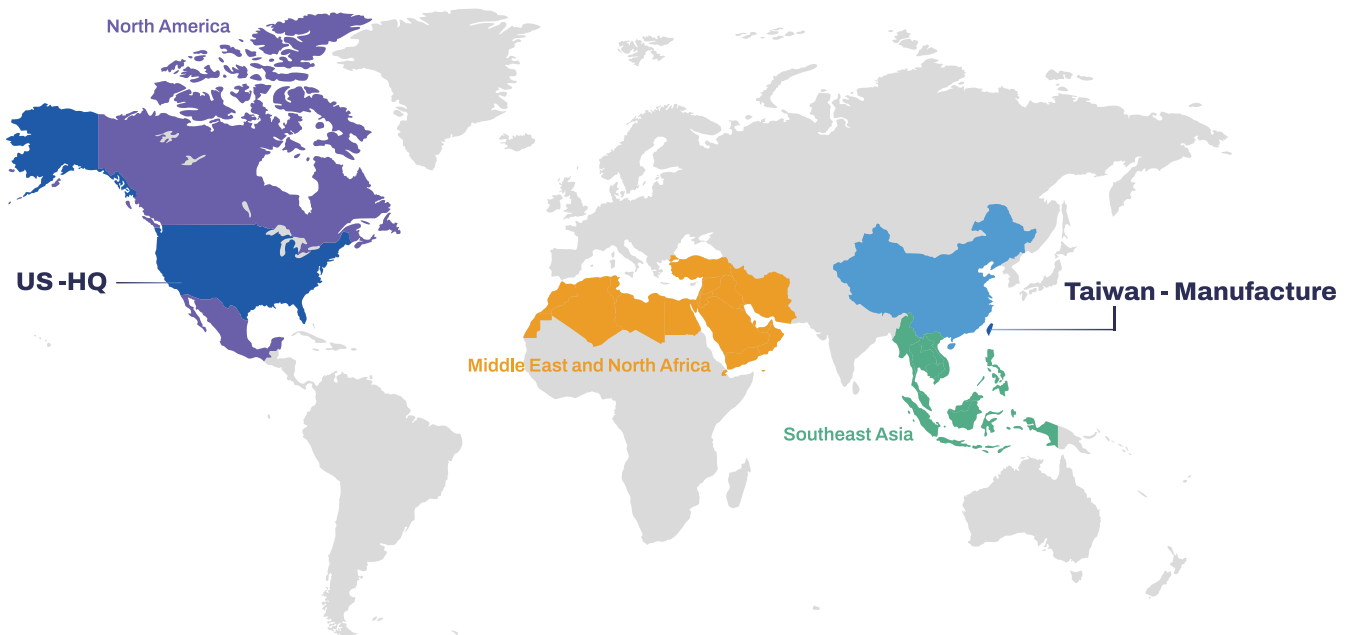
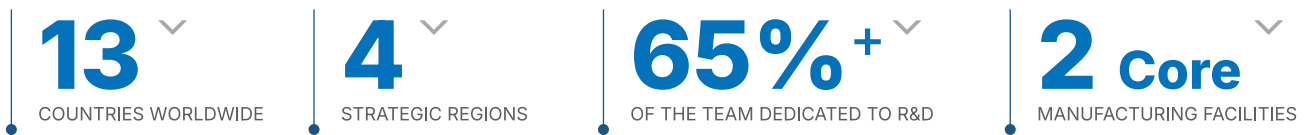
**AURCORE**

AI at the core, Performance at the edge

# About AurCore

**AurCore Technology** is a U.S.-based technology company specializing in high-performance networking solutions for AI workloads, smart cities, and industrial environments.

Headquartered in Lake Forest, California, we deliver full-stack hardware and software platforms engineered for scalability, reliability, and open architecture. With a robust global manufacturing base in Taiwan and a growing presence across North America, Southeast Asia, and the Middle East, AurCore Technology empowers enterprises with next-generation infrastructure designed for enterprise-grade performance and seamless integration.



# Your Partner for Scalable, High-Performance Networking



## Built for AI & Edge Performance

Our switches are purpose-built for AI clusters, data centers, and industrial environments, offering high-speed fabric, rugged design, and centralized cloud-based management.



## Full-Stack Solution with Global Manufacturing

From hardware design to software platforms, AurCore delivers vertically integrated solutions with manufacturing in Taiwan, supported by a global footprint spanning Southeast Asia (SEA) and the Middle East.



## Open + Proprietary OS Flexibility

AurCore integrates Open SONiC and our proprietary AURC-NOS, enabling deployment flexibility across open hardware platforms. We support white box hardware; high-performance solutions tailored for modern data center and edge environments.

## AURC-NOS:

AURC-NOS is a high-performance network operating system purpose-built for AI, cloud-native, enterprise, and industrial networks. Designed with a modular, distributed architecture, AURC-NOS delivers deterministic performance, ultra-low latency, and lossless Ethernet capabilities—forming a resilient foundation for modern, large-scale networks.



## SONiC:

The SONiC distribution is a commercial offering based on open source SONiC with feature enrichment and hardening targeted at Data Center IP CLOS architecture. It also provides agility based on a flexible management framework with programmatic APIs and an extensible, container-based architecture. An open source foundation and standardize ecosystem provide strong benefits for data center fabric solution.



## AC-Cloud and AC-Net Management Platforms:



The screenshot shows the AurCore management interface with various dashboards for system overview, configuration, and monitoring. Below the screenshot, a list of supported protocols and devices is shown:

- Supported Protocols: HTTPS, CWMP, MQTT, SNMP, ONVIF
- Supported Devices: AP, switch, Router, IPC, PC, Mobile

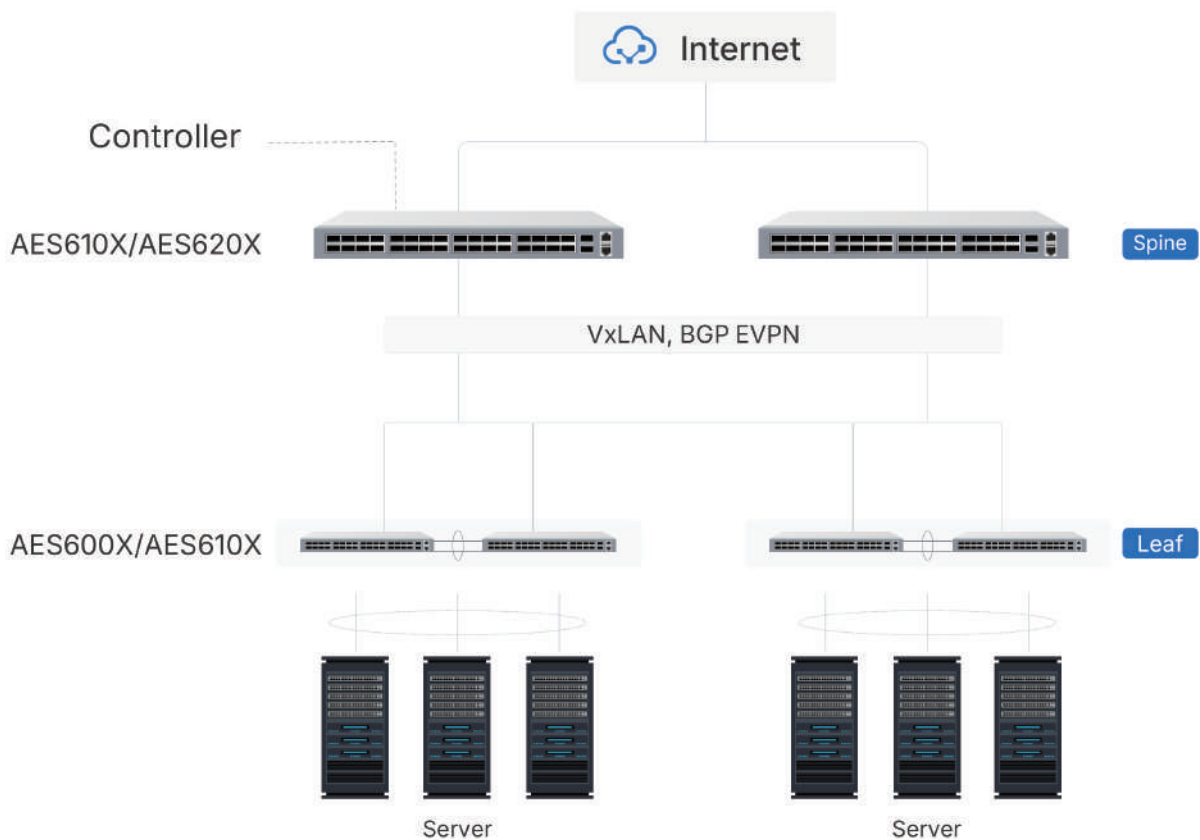


## AurCore Data Center Switches






For data center and AI workloads, our switches provide 10G/25G/100G/400G switching with MLAG-based reliability, ECMP load balancing, and RDMA-enabled transport. With built-in VXLAN/EVPN support and advanced telemetry, network operations are optimized for intelligent traffic distribution—minimizing latency and maintaining operational precision across the entire enterprise infrastructure.

### Data Center Network Solution :







Data Center IP CLOS architecture designed for scalability, performance, and high availability.



## Data Center Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AES6001	AES6004	AES6002	AES6005	AES6006
<b>Interface</b>	24 x 10GE SFP+ 6 x 100GE QSFP28	48 x 10GE SFP+ 2 x 100G QSFP28	48 x 10GE SFP+ 6 x 100GE QSFP28	24 x 10G SFP+ 24 x 10G Base-T 6 x 100G QSFP28	48 x 10G Base-T 6 x 100G QSFP28
<b>CPU</b>	Marvell	Marvell	Marvell	Marvell	Marvell
<b>Chipset</b>	Marvell Aldrin2	Marvell Aldrin2	Marvell Aldrin2	Marvell Aldrin2	Marvell Aldrin2
<b>Switching Capacity</b>	1.7T	2.18T	2.18T	2.18T	2.18T
<b>Forwarding Rate</b>	600Mpps	600Mpps	600Mpps	600Mpps	600Mpps
<b>Memory</b>	4GB	4GB	4GB	4GB	4GB
<b>Buffer</b>	6MB	6MB	6MB	6MB	6MB
<b>MAC Addresses Table Size</b>	32K	32K	32K	32K	32K
<b>Hot-swap Power Supply</b>	1+1	1+1	1+1	1+1	1+1
<b>Power Supply</b>	350W	350W	350W	350W	550W
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage Temperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Hot-swappable Fans</b>	3+1	3+1	3+1	3+1	3+1
<b>Dimension (L*W*H)</b>	440x410x44mm	440x470x44mm	440x410x44mm	440x470x44mm	440x470x44mm
<b>Airflow Option</b>	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front
<b>NOS</b>	AURC-NOS	AURC-NOS	AURC-NOS	AURC-NOS	AURC-NOS
<b>NOS Features</b>	BGP, OSPF, ISIS, MPLS, VXLAN, EVPN, RoCE v2, MLAG, Stacking, QoS, ERPS, RSPAN, sFlow, Stacking				

## Data Center Switches

<b>Product line Overview</b>						
<b>Product Model</b>	AES6103	AES6104	AES6101	AES6102	AES6201	AES8001
<b>Interface</b>	48 x 25G SFP28 6 x 100G QSFP28	48 x 25G SFP28 8 x 100G QSFP28	48 x 25GE SFP28 6 x 100GE QSFP28	48 x 25GE SFP28 8 x 100GE QSFP28	32 x 100GE QSFP28	32 x 400GE QSFP-DD 2 x 10GE SFP+
<b>CPU</b>	Marvell	Marvell	Marvell	Marvell	Marvell	Marvell
<b>Chipset</b>	Marvell Falcon	Marvell Falcon	Marvell Aldrin2-XL	Marvell Falcon	Marvell Falcon	Marvell Falcon
<b>Switching Capacity</b>	4T	4T	3.6T	6.4T	6.4T	25.6T
<b>Forwarding Rate</b>	2800Mpps	2800Mpps	1050Mpps	2800Mpps	2800Mpps	5600Mpps
<b>Memory</b>	4GB	4GB	8GB	8GB	8GB	16GB
<b>Buffer</b>	24MB	24MB	12MB	24MB	24MB	48MB
<b>MAC Addresses Table Size</b>	128K	128K	64K	128K	128K	128K
<b>Hot-swap Power Supply</b>	1+1	1+1	1+1	1+1	1+1	1+1
<b>Power Supply</b>	550W	550W	550W	800W	800W	1600W
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage Temperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Hot-swappable Fans</b>	4+1	4+1	4+1	4+1	4+1	6+1
<b>Dimension (L*W*H)</b>	440x470x44mm	440x470x44mm	440x470x44mm	440x470x44mm	440x470x44mm	440x630x44mm
<b>Airflow Option</b>	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front	Front to Rear/ Rear to Front
<b>NOS</b>	AURC-NOS	AURC-NOS / SONiC	AURC-NOS	AURC-NOS	AURC-NOS / SONiC	AURC-NOS / SONiC
<b>NOS Features</b>	BGP, OSPF, ISIS, MPLS, VXLAN, EVPN, RoCE v2, MLAG, Stacking, QoS, ERPS, RSPAN, sFlow, Stacking					

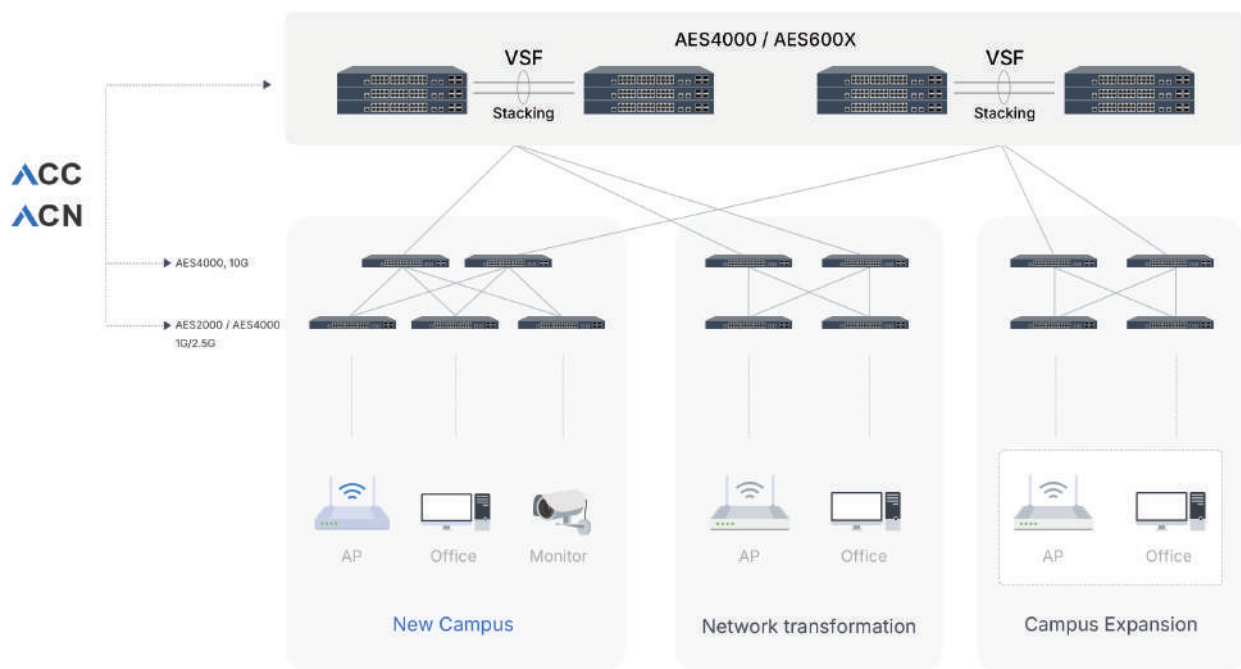


## AurCore Enterprise Switches






Engineered for versatility, scalability, and reliability, our campus switches support diverse deployment environments from corporate campuses to mission-critical data centers. With virtual stacking, automatic failover, and multi-uplink capabilities, these switches maintain continuous service delivery while seamlessly supporting APs, office terminals, and surveillance systems.

### Campus Network Solution :






Enterprise networks feature a tiered design (Core, Aggregate, Access) that scales to meet your needs.








# Enterprise Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AES2001	AES2001P	AES2002	AES2002P	AES2003
<b>Interface</b>	8 x GE   2 x GE   2 x GE SFP	8 x GE   2 x GE   2 x GE SFP   PoE+	24 x GE   2 x GE Base-T/ SFP Combo   2 x GE SFP	24 x GE   2 x GE Base-T/SFP Combo   2 x GE SFP   PoE+	48 x GE   4 x GE SFP
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	24Gbps	24Gbps	56Gbps	56Gbps	104Gbps
<b>Forwarding Rate</b>	17.85Mpps	17.85Mpps	41.66Mpps	41.66Mpps	77.38Mpps
<b>Flash</b>	32MB	32MB	32MB	32MB	32MB
<b>Memory</b>	128MB	128MB	128MB	128MB	128MB
<b>MAC Addresses Table Size</b>	8K	8K	8K	8K	16K
<b>PoE Standard</b>	/	IEEE802.3af/at	/	IEEE802.3af/at	/
<b>Buffer</b>	0.5MB	0.5MB	0.5MB	0.5MB	1.5MB
<b>Power Supply</b>	12W	150W	24W	438W	60W
<b>PoE Budget</b>	/	130W	/	370W	/
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage emperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Surge Protection</b>	Differential mode ±2KV Common mode ±4KV	Differential mode ±2KV Common mode ±4KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±1KV Common mode ±2KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Dimension (L*W*H)</b>	280x180x44mm	280x180x44mm	440x207x44mm	440x207x44mm	440x330x44mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route (IPv4/IPv6)				






# Enterprise Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AES2003P	AES2010P	AES2011P	AES2012P	AES4001
<b>Interface</b>	48 x GE   4 x GE SFP   PoE+	8 x GE   2 x GE SFP   LCD   PoE+	24 x GE   2 x GE Base-T/SFP Combo   2 x GE SFP   LCD   PoE+	24 x GE   2 x GE Base-T/SFP Combo   2 x GE SFP   LCD   PoE++	24 x GE   4 x 10 GE SFP+   L3
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	104Gbps	20Gbps	56Gbps	56Gbps	128Gbps
<b>Forwarding Rate</b>	77.38Mpps	14.88Mpps	41.66Mpps	41.66Mpps	95.23Mpps
<b>Flash</b>	32MB	32MB	32MB	32MB	32MB
<b>Memory</b>	128MB	128MB	128MB	128MB	512MB
<b>MAC Addresses Table Size</b>	16K	8K	8K	8K	16K
<b>PoE Standard</b>	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at/bt	/
<b>Buffer</b>	1.5MB	0.5MB	0.5MB	0.5MB	1.5MB
<b>Power Supply</b>	438W	150W	400W	500W	24W
<b>PoE Budget</b>	370W	140W	370W	480W	/
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage emperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Surge Protection</b>	Differential mode ±1KV Common mode ±2KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±2KV Common mode ±4KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Dimension (L*W*H)</b>	440x330x44mm	280x180x44mm	440x207x45mm	440x207x45mm	440x207x44mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route (IPv4/IPv6)				Supports Static Route (IPv4/IPv6), OSPF, BGP

# Enterprise Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AES4001P	AES4101	AES4101P	AES4002	AES4002P
<b>Interface</b>	24 x GE   4 x 10 GE SFP+   L3 PoE+	8 x 2.5 GE   2 x 10 GE   2 x 10 GE SFP+   L3	8 x 2.5 GE   2 x 10 GE   2 x 10 GE SFP+   L3 PoE+	48 x GE   6 x 10 GE SFP+   L3	48 x GE   6 x 10 GE SFP+   L3 PoE+
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	128Gbps	120Gbps	120Gbps	216Gbps	216Gbps
<b>Forwarding Rate</b>	95.23Mpps	89.29Mpps	89.28Mpps	160.71Mpps	160.71Mpps
<b>Flash</b>	32MB	32MB	32MB	32MB	32MB
<b>Memory</b>	512MB	512MB	512MB	512MB	512MB
<b>MAC Addresses Table Size</b>	16K	16K	16K	32K	32K
<b>PoE Standard</b>	IEEE802.3af/at	/	IEEE802.3af/at	/	IEEE802.3af/at
<b>Buffer</b>	1.5MB	1.5MB	1.5MB	2MB	2MB
<b>Power Supply</b>	400W	36W	180W	60W	438W
<b>PoE Budget</b>	370W	/	150W	/	370W
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage emperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Surge Protection</b>	Differential mode ±2KV Common mode ±4KV	Differential mode ±2KV Common mode ±4KV	Differential mode ±2KV Common mode ±4KV	Differential mode ±2KV Common mode ±4KV	Differential mode ±2KV Common mode ±4KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Dimension (L*W*H)</b>	440x207x44mm	330x230x44mm	330x230x44mm	440x330x44mm	440x330x44mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route (IPv4/IPv6), OSPF, BGP, VRRP, PIM, QoS			Supports Static Route (IPv4/IPv6), OSPF, BGP, VRRP, PIM, QoS, Stacking	

# Enterprise Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AES4102	AES4102P	AES4201	AES4202	AES4010
<b>Interface</b>	24 x 2.5 GE   2 x 10 GE   4 x 10 GE SFP+   L3	24 x 2.5 GE   2 x 10 GE   4 x 10 GE SFP+   L3 PoE+	8 x 10 GE   L3	8 x 10 GE SFP+   L3	16 x GE SFP   8 x GE Base-T/SFP Combo   4 x 10 GE SFP+   L3
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	240Gbps	240Gbps	160Gbps	160Gbps	128Gbps
<b>Forwarding Rate</b>	178.56Mpps	178.56Mpps	119.04Mpps	119.04Mpps	95.23Mpps
<b>Flash</b>	32MB	32MB	32MB	32MB	32MB
<b>Memory</b>	4GB	4GB	512MB	512MB	512MB
<b>MAC Addresses Table Size</b>	32K	32K	16K	16K	16K
<b>PoE Standard</b>	/	IEEE802.3af/at	/	/	/
<b>Buffer</b>	2MB	2MB	1.5MB	1.5MB	1.5MB
<b>Power Supply</b>	60W	438W	36W	24W	75W
<b>PoE Budget</b>	/	370W	/	/	/
<b>Operating Temperature</b>	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F	0 °C ~ +40 °C 32 °F ~ +104 °F
<b>Storage emperature</b>	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F	-40 °C ~ +70 °C -40 °F ~ +158 °F
<b>Surge Protection</b>	Differential mode ±4KV Common mode ±6KV	Differential mode ±4KV Common mode ±6KV	Differential mode ±2KV Common mode ±4KV	Differential mode ±1KV Common mode ±2KV	Differential mode ±4KV Common mode ±4KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Dimension (L*W*H)</b>	440x260x44mm	440x260x44mm	220x150x44mm	168x94x32mm	440x260x44mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route (IPv4/IPv6), OSPF, BGP, VRRP, PIM, QoS, Stacking		Supports Static Route (IPv4/IPv6), OSPF, BGP, VRRP, PIM, QoS		



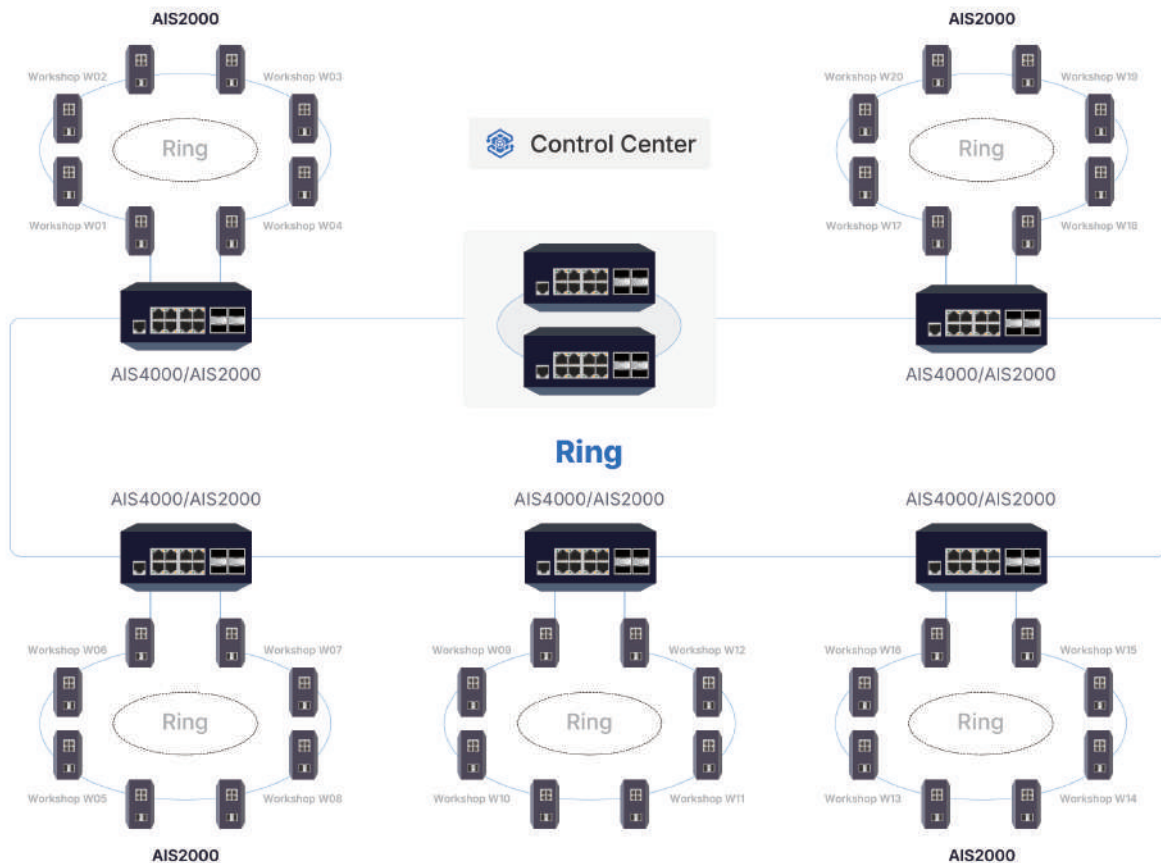
## AurCore Industrial Switches

As industrial operations become more connected and data-driven, ensuring reliable communication across control centers and workshops is essential. AurCore's Industrial Network Solution adopts a resilient ring topology, where each site and its subordinate workshops form a self-healing network that guarantees continuous, stable data transmission even in harsh and interference-prone environments.






Engineered for flexibility, availability, and reliability, the solution supports multiple aggregation modes to boost link bandwidth, enable load balancing, and provide robust link backup. With built-in support for rapid redundancy protocols such as ERPS, VRRP, RSTP, and MSTP, as well as a one-click ring configuration for fast recovery, network faults are resolved in milliseconds—minimizing downtime and maintaining real-time operational integrity.

### Industrial Network Solution:






ERPS Ring provides fast, reliable, and loop protection.



# Industrial Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AIS2001P	AIS2001	AIS2002P	AIS2002	AIS2003P
<b>Interface</b>	4 × GE   2 × GE SFP   PoE+	4 × GE   2 × GE SFP	8 × GE   2 × GE SFP   PoE+	8 × GE   2 × GE SFP	8 × GE   4 × GE Base-T/ SFP Combo   PoE+
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	12Gbps	12Gbps	20Gbps	20Gbps	24Gbps
<b>Forwarding Rate</b>	8.92Mpps	8.92Mpps	14.88Mpps	14.88Mpps	17.85Mpps
<b>Flash</b>	32MB	32MB	32MB	32MB	32MB
<b>Memory</b>	128MB	128MB	128MB	128MB	128MB
<b>MAC Addresses Table Size</b>	8K	8K	8K	8K	8K
<b>PoE Standard</b>	IEEE802.3af/at	/	IEEE802.3af/at	/	IEEE802.3af/at
<b>Fast Ring</b>	Supports	Supports	Supports	Supports	Supports
<b>Power Supply</b>	DC:48-57V	DC:12-55V	DC:48-57V	DC:12-55V	DC:48-57V
<b>PoE Budget</b>	120W	/	120W	/	185W
<b>Operating Temperature</b>	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F
<b>Storage emperature</b>	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F
<b>Surge Protection</b>	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Enclosure Material</b>	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
<b>Dimension (L*W*H)</b>	110x93x72mm	110x93x72mm	110x93x72mm	110x93x72mm	145x110x83.8mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route(IPv4/IPv6)				

# Industrial Managed Switches

<b>Product line Overview</b>					
<b>Product Model</b>	AIS2003	AIS2004P	AIS2004	AIS4001P	AIS4001
<b>Interface</b>	8 x GE   4 x GE Base-T/ SFP Combo	8 x GE   12 x GE SFP   PoE+	8 x GE   12 x GE SFP	8 x GE   4 x 10GE SFP+   L3 PoE+	8 x GE   4 x 10GE SFP+   L3
<b>Chipset</b>	Realtek	Realtek	Realtek	Realtek	Realtek
<b>Switching Capacity</b>	24Gbps	40Gbps	40Gbps	96Gbps	96Gbps
<b>Forwarding Rate</b>	17.85Mpps	29.76Mpps	29.76Mpps	71.42Mpps	71.42Mpps
<b>Flash</b>	32MB	32MB	32MB	64MB	64MB
<b>Memory</b>	128MB	128MB	128MB	8GB	8GB
<b>MAC Addresses Table Size</b>	8K	8K	8K	16K	16K
<b>PoE Standard</b>	/	IEEE802.3af/at	/	IEEE802.3af/at	/
<b>Fast Ring</b>	Supports	Supports	Supports	Supports	Supports
<b>Power Supply</b>	DC:12-55V	DC:48-57V	DC:12-55V	DC:48-57V	DC:12-55V
<b>PoE Budget</b>	/	180W	/	240W	/
<b>Operating Temperature</b>	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F	- 40 °C ~ +75 °C - 40 °F ~ +167 °F
<b>Storage emperature</b>	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F	- 40 °C ~ +80 °C - 40 °F ~ +176 °F
<b>Surge Protection</b>	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV	Differential mode ±2KV Common mode ±6KV
<b>Electrostatic Standards</b>	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV	Contact ±6KV, Air ±8KV
<b>Enclosure Material</b>	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
<b>Dimension (L*W*H)</b>	145x110x83.8mm	145x110x83.8mm	145x110x83.8mm	145x110x83.8mm	145x110x83.8mm
<b>L2 Features</b>	Supports LACP, VLAN, ERPS, STP/RSTP/MSTP				
<b>L3 Features</b>	Supports Static Route (IPv4/IPv6)		Supports Static Route (IPv4/IPv6), OSPF, BGP VRRP, PIM, QoS		

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