# Huawei CloudEngine S6730-H-V2 Series 10GE Switches Brochure

Huawei CloudEngine S6730-H-V2 series 10GE switches are next-generation enterprise-class core and aggregation switches that provide 10GE downlink optical ports and 100GE uplink optical ports,and provide one extended slot.

## Product Overview

Huawei CloudEngine S6730-H-V2 series switches are next-generation enterprise-class core and aggregation switches that offer high performance, high reliability, cloud management, and intelligent operations and maintenance (O&M). They are purpose-built with security, IoT, and cloud in mind. With these traits, CloudEngine S6730-H-V2 can be widely used in enterprise campuses, colleges/universities and other scenarios.

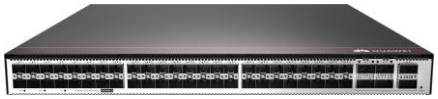
CloudEngine S6730-H-V2 switches offer 10GE, 40GE, and 100GE port types, flexibly adapting to diversified network bandwidth requirements. They also support cloud management and implement cloud-managed network services throughout the full lifecycle from planning, deployment, monitoring, experience visibility, and fault rectification, all the way to network optimization, greatly simplifying network management.

CloudEngine S6730-H-V2 support free mobility, enables consistent user experience no matter the user location or IP address, fully meeting enterprises' demands for mobile offices.

CloudEngine S6730-H-V2 switches support VXLAN to implement network virtualization, achieving multi-purpose networks and multi-network convergence for greatly improved network capacity and utilization. As such, CloudEngine S6730-H-V2 switches are an ideal choice for building next-generation IoT converged networks in terms of cost, flexibility, and scalability.

## Models and Appearance

| Appearance | Description |
|---|---|
|  <br>CloudEngine S6730-H48X6C-V2<br>CloudEngine S6730-H48X6C-TV2** | • 48 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28<br>• Dual pluggable power modules, 1+1 power backup<br>• Forwarding performance: 490 Mpps<br>• Switching capacity: 2.16Tbps/2.4Tbps*<br>*Note: All ports support 40GE by default. You can purchase right-to-use (RTU) licenses to upgrade the port rate from 40GE to 100GE* |
|  <br>CloudEngine S6730-H24X6C-V2<br>CloudEngine S6730-H24X6C-TV2** | • 24 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28<br>• Dual pluggable power modules, 1+1 power backup<br>• Forwarding performance: 490 Mpps<br>• Switching capacity: 1.68Tbps/2.4Tbps*<br>*Note: All ports support 40GE by default. You can purchase right-to-use (RTU) licenses to upgrade the port rate from 40GE to 100GE* |

| Appearance | Description |
| --- | --- |
|  <br>CloudEngine S6730-H48X6CZ-V2<br>CloudEngine S6730-H48X6CZ-TV2** | • 48 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28<br>• One extended slot<br>• Dual pluggable power modules, 1+1 power backup<br>• Forwarding performance: 490 Mpps<br>• Switching capacity: 2.16Tbps/2.4Tbps*<br>*Note: All ports support 40GE by default. You can purchase right-to-use (RTU) licenses to upgrade the port rate from 40GE to 100GE* |
|  <br>CloudEngine S6730-H28X6CZ-V2<br>CloudEngine S6730-H28X6CZ-TV2** | • 28 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28<br>• One extended slot<br>• Dual pluggable power modules, 1+1 power backup<br>• Forwarding performance: 490 Mpps<br>• Switching capacity: 1.76Tbps/2.4Tbps*<br>*Note: All ports support 40GE by default. You can purchase right-to-use (RTU) licenses to upgrade the port rate from 40GE to 100GE* |

*Note：The value before the slash (/) refers to the device's switching capability, while the value after the slash (/) means the system's switching capability.

**Note：‘-T ’means Hardware Trust Module(HTM), support hardware root of trust and measurement startup.

# Features and Highlights

## Enabling Networks to Be More Agile for Services

- Built-in high-speed and flexible processor chips, with their flexible packet processing and traffic control capabilities, CloudEngine S6730-H-V2 series switches are close to services, meeting current and future challenges, and helping customers build scalable networks.
- CloudEngine S6730-H-V2 series switches support fully customizing the forwarding mode, forwarding behavior, and search algorithm of traffic. New services are implemented through microcode programming. Customers do not need to replace new hardware and new services can be rolled out within six months.
- CloudEngine S6730-H-V2 series switches provide open interfaces and user-defined forwarding processes to meet customized service requirements of enterprises. Enterprises can use multi-layer open interfaces to develop new protocols and functions independently. They can also hand over their requirements to vendors and jointly develop them to build an enterprise-dedicated campus network.

## Delivering Abundant Services More Agilely

- With the unified user management function, the CloudEngine S6730-H-V2 authenticates both wired and wireless users, ensuring a consistent user experience no matter whether they are connected to the network through wired or wireless access devices. The unified user management function supports various authentication methods, including 802.1x, MAC address, and Portal authentication, and is capable of managing users based on user groups, domains, and time ranges. These functions visualize user and service management and boost the transformation from device-centric management to user experience-centric management.
- The CloudEngine S6730-H-V2 series provides excellent QoS capabilities and supports queue scheduling and congestion control algorithms. Additionally, it adopts innovative priority queuing and multi-level scheduling mechanisms to implement fine-grained scheduling of data flows, meeting service quality requirements of different user terminals and services.

## Fine-Grained Network Management and Visualized Fault Diagnosis

- In-situ Flow Information Telemetry (IFIT) is an in-band Operations, Administration, and Maintenance (OAM) measurement technology that uses service packets to measure real performance indicators of an IP network, such as the packet loss rate and delay. IFIT can significantly improve the timeliness and effectiveness of network O&M, thereby promoting the development of intelligent O&M.

- Three IFIT modes are available: application-level quality measurement, tunnel-level quality measurement, and native-IP IFIT measurement. Currently, CloudEngine S6730-H-V2 series switches support native-IP IFIT measurement only. By providing in-band measurement capabilities, CloudEngine S6730-H-V2 series switches can monitor indicators such as the delay and packet loss rate of service flows in real time. CloudEngine S6730-H-V2 series switches also offer visualized O&M capabilities to centrally manage and control networks and graphically display performance data. Designed with IFIT capabilities featuring high measurement precision and easy deployment, CloudEngine S6730-H-V2 series switches are ideal for constructing an intelligent O&M system and stand out with future-proof scalability.

## Flexible Ethernet Networking

- In addition to traditional Spanning Tree Protocol (STP), Rapid Spanning Tree Protocol (RSTP), and Multiple Spanning Tree Protocol (MSTP), the CloudEngine S6730-H-V2 supports Huawei-developed Smart Ethernet Protection (SEP) technology and the latest Ethernet Ring Protection Switching (ERPS) standard. SEP is a ring protection protocol specific to the Ethernet link layer, and applies to various ring network topologies, such as open ring topology, closed ring topology, and cascading ring topology. This protocol is reliable, easy to maintain, and implements fast service switching within 50 milliseconds. ERPS is defined in ITU-T G.8032. It implements millisecond-level protection switching based on traditional Ethernet MAC and bridging functions.
- The CloudEngine S6730-H-V2 supports Smart Link and Virtual Router Redundancy Protocol (VRRP), which implement backup of uplinks. One CloudEngine S6730-H-V2 switch can connect to multiple aggregation switches through multiple links, significantly improving reliability of access devices.

## Mature IPv6 Features

- The CloudEngine S6730-H-V2 series swithes are developed based on the mature, stable VRP and supports IPv4/IPv6 dual stacks, IPv6 routing protocols (RIPng, OSPFv3, BGP4+, and IS-IS for IPv6). With these IPv6 features, the CloudEngine S6730-H-V2 can be deployed on a pure IPv4 network, a pure IPv6 network, or a shared IPv4/IPv6 network, helping achieve IPv4-to-IPv6 transition.

## Intelligent Stack (iStack)

- The CloudEngine S6730-H-V2 series switches support the iStack function that combines multiple switches into a logical switch. Member switches in a stack implement redundancy backup to improve device reliability and use inter-device link aggregation to improve link reliability. iStack provides high network scalability. You can increase a stack's ports, bandwidth, and processing capability by simply adding member switches. iStack also simplifies device configuration and management. After a stack is set up, multiple physical switches can be virtualized into one logical device. You can log in to any member switch in the stack to manage all the member switches in it.

## VXLAN Features

- VXLAN is used to construct a Unified Virtual Fabric (UVF). As such, multiple service networks or tenant networks can be deployed on the same physical network, and service and tenant networks are isolated from each other. This capability truly achieves 'one network for multiple purposes'. The resulting benefits include enabling data transmission of different services or customers, reducing the network construction costs, and improving network resource utilization.
- This series switches are VXLAN-capable and allow centralized and distributed VXLAN gateway deployment modes. These switches also support the BGP EVPN protocol for dynamically establishing VXLAN tunnels and can be configured using NETCONF/YANG.

## Link Layer Security

- CloudEngine S6730-H28X6CZ-TV2/S6730-H28X6CZ-V2/S6730-H48X6CZ-TV2/S6730-H48X6CZ-V2 models support MACsec. MACsec protects transmitted Ethernet data frames through identity authentication, data encryption, integrity check, and anti-replay protection, reducing the risks of information leakage and malicious network attacks. With MACsec, these switch models are able to address strict information security requirements of customers in industries such as government and finance.

## Intelligent O&M

- This series switches provides telemetry technology to collect device data in real time and send the data to Huawei campus network analyzer(iMaster NCE-CampusInsight). The CampusInsight analyzes network data based on the intelligent fault identification algorithm, accurately displays the real-time network status, effectively demarcates and locates faults in a timely manner, and identifies network problems that affect user experience, accurately guaranteeing user experience.

### Intelligent Upgrade

- Switches support the intelligent upgrade feature. Specifically, switches obtain the version upgrade path and download the newest version for upgrade from the Huawei Online Upgrade Platform (HOUP). The entire upgrade process is highly automated and achieves one-click upgrade. In addition, preloading the version is supported, which greatly shortens the upgrade time and service interruption time.
- The intelligent upgrade feature greatly simplifies device upgrade operations and makes it possible for the customer to upgrade the version independently. This greatly reduces the customer's maintenance costs. In addition, the upgrade policies on the HOUP platform standardize the upgrade operations, which greatly reduces the risk of upgrade failures.

### Cloud-based Management

- The Huawei cloud management platform allows users to configure, monitor, and inspect switches on the cloud, reducing on-site deployment and O&M manpower costs and decreasing network OPEX.

### Open Programmability System(OPS)

- Open Programmability System (OPS) is an open programmable system based on the Python language. IT administrators can program the O&M functions of a switch through Python scripts to quickly innovate functions and implement intelligent O&M.

## Licensing

### Licensing

This series switches supports both the traditional feature-based licensing mode and the latest Huawei IDN One Software (N1 mode for short) licensing mode. The N1 mode is ideal for deploying Huawei CloudCampus Solution in the on-premises scenario, as it greatly enhances the customer experiences in purchasing and upgrading software services with simplicity.

Software Package Features in N1 Mode

| Switch Functions | N1 Basic Software | N1 Foundation Software Package | N1 Advanced Software Package |
|---|---|---|---|
| **Basic network functions:**<br>Layer 2 functions, IPv4, IPv6, and others<br>Note: For details, see the Service Features | √ | √ | √ |
| **Basic network automation based on the iMaster NCE-Campus:**<br>• NE management: Device management, topology management and discovery<br>• User access authentication | × | √ | √ |
| **Advanced network automation and intelligent O&M:**<br>VXLAN, Free Mobility, IPCA, CampusInsight basic functions | × | × | √ |

## Product Specifications

| Item | CloudEngine S6730-H48X6C-V2<br>CloudEngine S6730-H48X6C-TV2 | CloudEngine S6730-H24X6C-V2<br>CloudEngine S6730-H24X6C-TV2 | CloudEngine S6730-H48X6CZ-V2<br>CloudEngine S6730-H48X6CZ-TV2 | CloudEngine S6730-H28X6CZ-V2<br>CloudEngine S6730-H28X6CZ-TV2 |
|---|---|---|---|---|

| Item | CloudEngine S6730-H48X6C-V2<br>CloudEngine S6730-H48X6C-TV2 | CloudEngine S6730-H24X6C-V2<br>CloudEngine S6730-H24X6C-TV2 | CloudEngine S6730-H48X6CZ-V2<br>CloudEngine S6730-H48X6CZ-TV2 | CloudEngine S6730-H28X6CZ-V2<br>CloudEngine S6730-H28X6CZ-TV2 |
|---|---|---|---|---|
| Fixed ports | 48 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28 | 24 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28 | 48 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28 | 28 x 1/10 Gig SFP+, 6 x 40/100 Gig QSFP28 |
| Extended slot | - | - | One extended slot, support 2 x 100GE, 2 x 40GE and 8 x 25/10GE SFP+ cards in the future | |
| Dimensions (H x W x D) | 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.4 in. x 16.5 in.) | | 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.4 in. x 16.5 in.) | |
| Chassis weight (including packaging) | 9.2 Kg | 8.9 Kg | 7.48 Kg | 7.06 Kg |
| Chassis height(U) | 1U | 1U | 1U | 1U |
| Power supply type | • 600 W AC (pluggable)<br>• 1000 W DC (pluggable） | | • 600 W AC (pluggable)<br>• 1200 W AC (pluggable)<br>• 1200 W DC (pluggable) | |
| Rated voltage range | • AC input (600 W AC ): 100 V AC to 240 V AC, 50/60 Hz<br>• DC input (600 W AC ): 240 V DC<br>• DC input (1000 W DC): -48 VDC to -60 V DC | | • AC input (600 W AC ): 100 V AC to 240 V AC, 50/60 Hz<br>• DC input (600 W AC ): 240 V DC<br>• DC input (1200 W DC): -48 VDC to -60 V DC | |
| Maximum voltage range | • AC input (600 W AC ): 90 V AC to 290 V AC, 45 Hz to 65 Hz<br>• High-voltage DC input (600 W AC): 190 V DC to 290 V DC (meeting 240 V high-voltage DC certification)<br>• DC input (1000 W DC): -38.4 V DC to -72V DC | | • AC input (600 W AC ): 90 V AC to 290 V AC, 45 Hz to 65 Hz<br>• High-voltage DC input (600 W AC): 190 V DC to 290 V DC (meeting 240 V high-voltage DC certification)<br>• DC input (1200 W DC): -38.4 V DC to -72V DC | |
| Maximum input current | • AC 600W：8A<br>• DC 1000W：30A | | • AC 600W：8A<br>• DC 1200W：38A | |
| Typical power consumption (30% of traffic load, tested according to ATIS standard) | 165 W | 149 W | 234 W | 203 W |
| Maximum power consumption (100% throughput, full speed of fans) | 291 W | 254 W | 327 W | 263 W |
| Noise | • Under normal temperature (sound power): 65dB (A)<br>• Under high temperature (sound power): 88dB (A)<br>• Under normal temperature (sound pressure): 52dB (A) | | • Under normal temperature (sound power): 53.4dB (A)<br>• Under high temperature (sound power): 69dB (A)<br>• Under normal temperature (sound pressure): 39.72dB (A) | |

| Item | CloudEngine S6730-H48X6C-V2<br>CloudEngine S6730-H48X6C-TV2 | CloudEngine S6730-H24X6C-V2<br>CloudEngine S6730-H24X6C-TV2 | CloudEngine S6730-H48X6CZ-V2<br>CloudEngine S6730-H48X6CZ-TV2 | CloudEngine S6730-H28X6CZ-V2<br>CloudEngine S6730-H28X6CZ-TV2 |
|---|---|---|---|---|
| | < 65 dB(A) | | | |
| Operating temperature | -5°C to +45°C (23°F to 113°F) | | | |
| Storage temperature | -40°C to +70°C (-40°F to +158°F) | | | |
| Relative humidity | 5% to 95%, noncondensing | | 5% to 95%, noncondensing | |
| Power supply surge protection | • Using AC power modules: ±6 kV in differential mode, ±6 kV in common mode<br>• Using DC power modules: ±2 kV in differential mode, ±4 kV in common mode | | • Using AC power modules: ±6 kV in differential mode, ±6 kV in common mode<br>• Using DC power modules: ±2 kV in differential mode, ±4 kV in common mode | |
| Fans | 4, Fan modules are pluggable | | 3, Fan modules are pluggable | |
| Heat dissipation | Heat dissipation with fan, intelligent fan speed adjustment | | Heat dissipation with fan, intelligent fan speed adjustment | |

# Service Features

Except for special instructions, the following features are supported by CloudEngine S6730-H-V2 with N1 basic software.

| Category | Service Features |
|---|---|
| User management | Unified user management |
| | 802.1X authentication |
| | MAC authentication |
| | Traffic- and duration-based accounting |
| | User authorization based on user groups, domains, and time ranges |
| MAC | Automatic MAC address learning and aging |
| | 384K MAC entries (MAX) |
| | Static, dynamic, and blackhole MAC address entries |
| | Source MAC address filtering |
| | MAC address learning limiting based on ports and VLANs |
| VLAN | 4K VLANs |
| | Access mode, Trunk mode and Hybrid mode |
| | Default VLAN |
| | Private VLAN |
| | QinQ and enhanced selective QinQ |
| | VLAN Stacking |
| | Dynamic VLAN assignment based on MAC addresses |

| Category | Service Features |
| --- | --- |
| ARP | ARP Snooping |
| DHCP | DHCPv4 Client, DHCPv4 Relay, DHCPv4 Server, DHCPv4 Snooping |
| | DHCPv6 Client, DHCPv6 Relay, DHCPv6 Server, DHCPv6 Snooping |
| IP routing | IPv4 dynamic routing protocols such as RIP v1/v2, OSPF v1/v2, IS-IS, and BGP |
| | IPv6 dynamic routing protocols such as RIPng, OSPFv3, ISISv6, and BGP4+ |
| | Routing Policy, Policy-Based Routing |
| | VRF |
| Segment Routing | SRv6 BE (L3 EVPN) |
| | BGP EVPN |
| | SRv6 configuration through NETCONF |
| Multicast | IGMPv1/v2/v3 and IGMP v1/v2/v3 Snooping |
| | PIM-DM, PIM-SM, and PIM-SSM |
| | Fast-leave mechanism |
| | Multicast traffic control |
| | Multicast querier |
| | Multicast protocol packet suppression |
| MPLS | MPLS-LDP |
| | MPLS-L3VPN |
| | MPLS Qos |
| VXLAN | Centralized gateway |
| | Distributed gateway |
| | BGP-EVPN |
| | Configures VXLANs through NETCONF |
| QoS | Traffic classification based on Layer 2 headers, Layer 3 protocols, Layer 4 protocols, and 802.1p priority |
| | Actions such as ACL, Committed Access Rate (CAR), re-marking, and scheduling |
| | Queuing algorithms, such as PQ, DRR, WDRR, and PQ+DRR, PQ+WDRR |
| | Congestion avoidance mechanisms such as WRED and tail drop |
| | Traffic shaping |
| | 8 queues on each interface |
| | Network Slicing |
| Native-IP IFIT | Marks the real service packets to obtain real-time count of dropped packets and packet loss ratio |
| | The statistical period can be modified |
| | Two-way frame delay measurement |

| Category | Service Features |
| --- | --- |
| Ethernet loop protection | STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s). |
| | VLAN-based Spanning Tree (VBST) |
| | BPDU protection, root protection, and loop protection |
| | G.8032 Ethernet Ring Protection Switching (ERPS) |
| Reliability | M-LAG |
| | Service interface-based stacking |
| | Maximum number of stacked devices |
| | Stack bandwidth (Bidirectional) |
| | Link Aggregation Control Protocol (LACP) and E-Trunk |
| | Virtual Router Redundancy Protocol (VRRP) and Bidirectional Forwarding Detection (BFD) for VRRP |
| | BFD for BGP/IS-IS/OSPF/static routes |
| | Eth-OAM 802.1ag(CFM) |
| | Smartlink |
| | LLDP, LLDP-MED |
| System management | Console terminal service |
| | Telnet/IPv6 Telnet terminal service |
| | SSH v1.5 |
| | SSH v2.0 |
| | SNMP v1/v2c/v3 |
| | FTP、TFTP、SFTP |
| | BootROM upgrade and remote in-service upgrade |
| | Hot patch |
| | User operation logs |
| | Open Programmability System (OPS) |
| | Streaming Telemetry |
| Security and management | NAC |
| | RADIUS and HWTACACS authentication for login users |
| | MACsec-256 (IEEE 802.1ae) |
| | Management by Command Line Interface(CLI) |
| | Command line authority control based on user levels, preventing unauthorized users from using command configurations |
| | Defense against DoS attacks, Transmission Control Protocol (TCP) SYN Flood attacks, User Datagram Protocol (UDP) Flood attacks, broadcast storms, and heavy traffic attacks |
| | IPv6 RA Guard |
| | CPU hardware queues to implement hierarchical scheduling and protection for protocol packets |

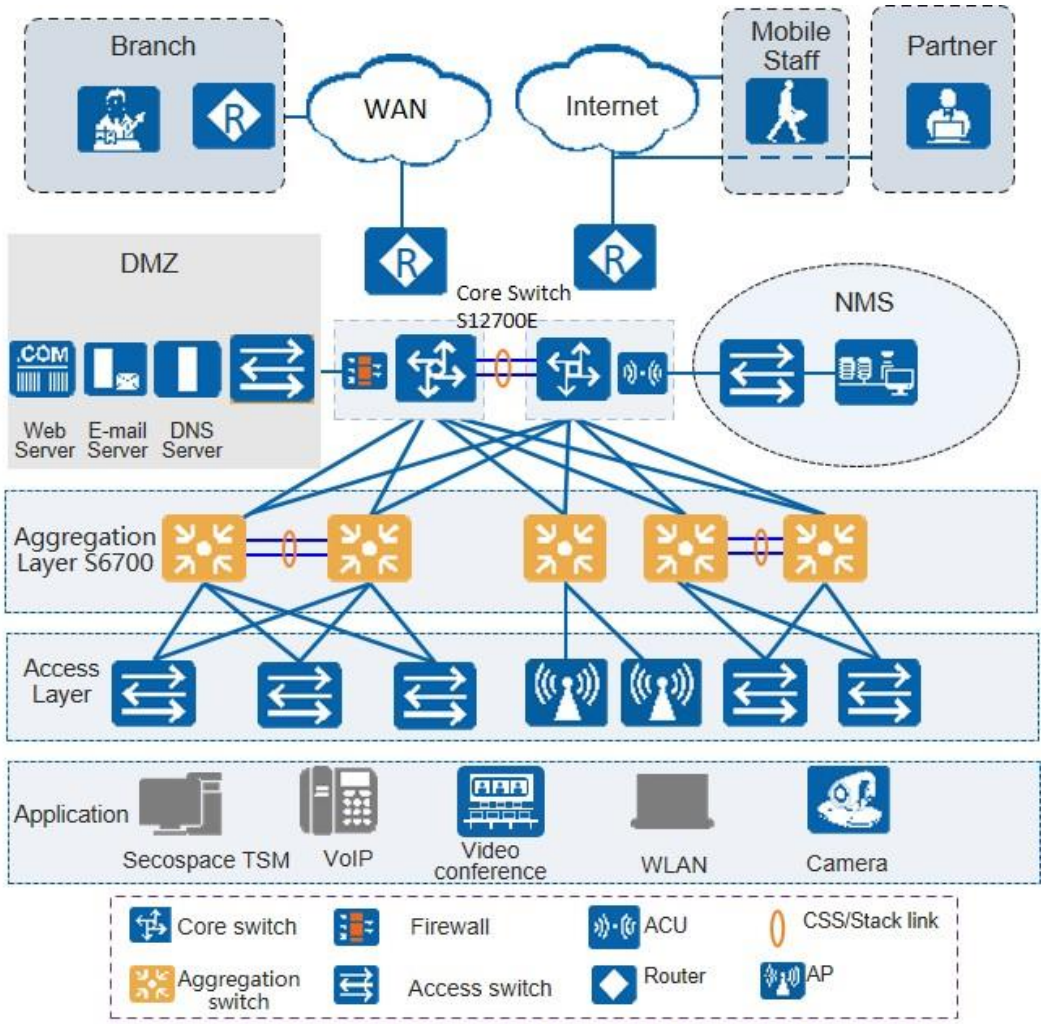
| Category | Service Features |
| --- | --- |
| | on the control plane |
| | Remote Network Monitoring (RMON) |
| | Secure boot |
| | Netstream |
| | Port mirroring |
| | Dynamic ARP Inspection |
| | IP Source Guard |
| Wireless management (integrated WLAN AC): Basic WLAN services | Hot backup for devices with integrated WLAN AC functionality in cluster mode |
| | 2.4G & 5G load balancing |
| | 5G-prior access |
| Wireless management (integrated WLAN AC): AP management | Total number of managed APs: 1K |
| | An IPv4 network between an AP and a WLAN AC |
| | AP blacklist |
| | AP whitelist |
| | Sets the AP access control mode |
| | AP configuration and management |
| | AP LLDP topology awareness |
| Wireless management (integrated WLAN AC): Wireless user management | User roaming within a WLAN AC |
| | AP-based user location |
| | 802.1X authentication |
| | MAC address authentication |
| | Portal authentication |
| Wireless management (integrated WLAN AC): CAPWAP | Direct data forwarding on L2/L3 networks |
| | Tunnel-based data forwarding on L2/L3 networks |
| | CAPWAP tunnel encryption |
| Wireless management (integrated WLAN AC): RF management | 802.11a/b/g/n |
| | 802.11ac wave1/wave2 |
| | 802.11ax |
| | Sets RF interference monitoring and avoidance |
| | Detects co-channel interference, adjacent interference, and interference from other devices and STAs |
| | Automatically selects channels and power when APs go online |
| | Dynamic power and channel optimization |
| Wireless management (integrated WLAN AC): | Rate limiting of upstream and downstream traffic on the air interface based on the VAP |
| | Rate limiting of upstream and downstream traffic on the air interface based on users |

| Category | Service Features |
| --- | --- |
| WLAN QoS | CAR for WLAN users |

# Networking and Applications

## Large-scale Enterprise Campus Network

CloudEngine S6730-H-V2 series switches can be deployed at the aggregation layer of a large-scale enterprise campus network, creating a highly reliable, scalable, and manageable enterprise campus network.




# Ordering Information

The following table lists ordering information of the CloudEngine S6730-H-V2 series switches.

| Model | Product Description |
| --- | --- |
| CloudEngine S6730-H48X6CZ-V2 | CloudEngine S6730-H48X6C-V2 bundle (48*10GE SFP+ ports, 6*100GE QSFP28 ports, with license, 1*expansion slot, without power module) |
| CloudEngine S6730-H48X6CZ-V2 | CloudEngine S6730-H48X6C-V2 (48*10GE SFP+ ports, 6*40GE QSFP ports, optional license for upgrade to 6*100GE QSFP28 ports, 1*expansion slot, without power module) |
| CloudEngine S6730-H48X6CZ-TV2 | CloudEngine S6730-H48X6C-TV2 bundle (48*10GE SFP+ ports, 6*100GE QSFP28 ports, with license, 1*expansion slot, HTM, without power module) |

| Model | Product Description |
|---|---|
| CloudEngine S6730-H48X6CZ-TV2 | CloudEngine S6730-H48X6C-TV2 (48*10GE SFP+ ports, 6*40GE QSFP ports, optional license for upgrade to 6*100GE QSFP28 ports, 1*expansion slot, HTM, without power module) |
| CloudEngine S6730-H28X6CZ-V2 | CloudEngine S6730-H28X6C-V2 bundle (28*10GE SFP+ ports, 6*100GE QSFP28 ports, with license, 1*expansion slot, without power module) |
| CloudEngine S6730-H28X6CZ-V2 | CloudEngine S6730-H28X6C-V2 (28*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28 ports, 1*expansion slot, without power module) |
| CloudEngine S6730-H28X6CZ-TV2 | CloudEngine S6730-H28X6C-TV2 bundle (28*10GE SFP+ ports, 6*100GE QSFP28 ports, with license, 1*expansion slot, HTM, without power module) |
| CloudEngine S6730-H28X6CZ-TV2 | CloudEngine S6730-H28X6C-TV2 (28*10GE SFP+ ports, 6*40GE QSFP ports, optional license for upgrade to 6*100GE QSFP28 ports, 1*expansion slot, HTM, without power module) |
| CloudEngine S6730-H48X6C-V2 | CloudEngine S6730-H48X6C-V2 (48*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28, without power module) |
| CloudEngine S6730-H24X6C-V2 | CloudEngine S6730-H24X6C -V2(24*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28, without power module) |
| CloudEngine S6730-H48X6C-TV2 | CloudEngine S6730-H48X6C-TV2 (48*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28,HTM,without power module) |
| CloudEngine S6730-H24X6C-TV2 | CloudEngine S6730-H24X6C-TV2(24*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28,HTM,without power module) |
| PAC600S12-CB | 600W AC power module (for S6730-H48X6C-V2/TV2 & S6730-H24X6C-V2/TV2 series models) |
| PAC600S12-EB | 600W AC power module (for S6730-H48X6C-V2/TV2 & S6730-H24X6C-V2/TV2 series models) |
| PAC600S12-DB | 600W AC power module (for S6730-H48X6C-V2/TV2 & S6730-H24X6C-V2/TV2 series models) |
| PDC1000S12-DB | 1000W DC power module (for S6730-H48X6C-V2/TV2 & S6730-H24X6C-V2/TV2 series models) |
| PAC600S12-PB | 600W AC power module (for S6730-H48X6CZ-V2/TV2 & S6730-H28X6CZ-V2/TV2 series models) |
| PAC1K2S12-PB | 1200W AC power module (for S6730-H48X6CZ-V2/TV2 & S6730-H28X6CZ-V2/TV2 series models) |
| PDC1K2S12-CE | 1200W DC power module (for S6730-H48X6CZ-V2/TV2 & S6730-H28X6CZ-V2/TV2 series models) |
| FAN-031A-B | Fan Module |

| License | Product Description |
|---|---|
| L-100GEUPG-S67H | S67XX-H Series,40GE to 100GE Electronic RTU License,Per Device |
| L-MLIC-S67H | S67XX-H Series Basic SW,Per Device |
| N1-S67H-M-Lic | S67XX-H Series Basic SW,Per Device |
| N1-S67H-M-SnS1Y | S67XX-H Series Basic SW,SnS,Per Device,1Year |
| N1-S67H-F-Lic | N1-CloudCampus,Foundation,S67XX-H Series,Per Device |
| N1-S67H-F-SnS | N1-CloudCampus,Foundation,S67XX-H Series,SnS,Per Device |
| N1-S67H-A-Lic | N1-CloudCampus,Advanced,S67XX-H Series,Per Device |

| License | Product Description |
| --- | --- |
| N1-S67H-A-SnS | N1-CloudCampus,Advanced,S67XX-H Series,SnS,Per Device |
| N1-S67H-FToA-Lic | N1-Upgrade-Foundation to Advanced,S67XX-H,Per Device |
| N1-S67H-FToA-SnS | N1-Upgrade-Foundation to Advanced,S67XX-H,SnS,Per Device |

# More Information

For more information about Huawei Campus Switches, visit http://e.huawei.com or contact us in the following ways:

- Global service hotline: http://e.huawei.com/en/service-hotline
- Logging in to the Huawei Enterprise technical support website: http://support.huawei.com/enterprise/
- Sending an email to the customer service mailbox: support_e@huawei. com



**Huawei Technologies Co., Ltd.**

Address:Huawei Industrial Base Bantian, Longgang Shenzhen 518129 People's Republic of China

Website:e.huawei.com