

Building a Fully Connected, Intelligent World



Intelligent Cloud-Network

Accelerating Industry Digital Transformation

2023.03



Huawei Enterprise Network IP Product Portfolio

iMaster NCE

Autonomous Driving Network Management and Control System



Management + Control + Analysis

Analysis

Data Center Network

iMaster
NCE-Fabric

iMaster
NCE-FabricInsight

Campus Network

iMaster
NCE-Campus

iMaster
NCE-CampusInsight

Branch Network

iMaster
NCE-WAN

Wide Area Network (WAN)

iMaster
NCE-IP

Security Management, Control, and Analysis Software

Security Controller

SecoManager

Security Analyzer

HiSec Insight

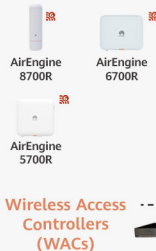
AirEngine

Campus WLAN Products

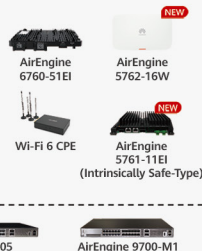
Indoor APs



Outdoor APs



Scenario-Tailored APs



Agile Distributed APs



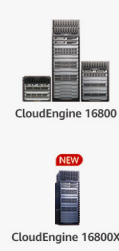
Wireless Access Controllers (WACs)



CloudEngine

Data Center Switches

Modular Switches



Fixed Switches



SAN Switches



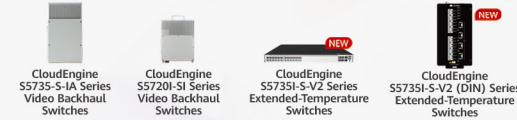
Modular Switches



Fixed Switches



Industry-Tailored Switches



NetEngine

Branch Routers

HQ/Large Branches



Midsize/Large Branches



Small/Midsize Branches

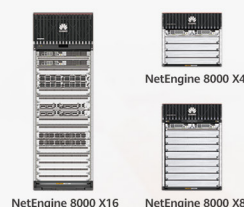


Industrial Gateways

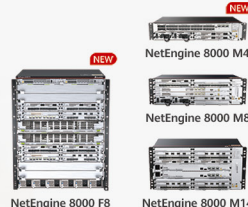


Service Routers

Core Routers



Aggregation Routers



Access Routers



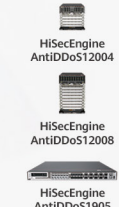
HiSecEngine

Enterprise Security Products

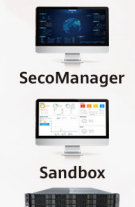
Firewalls



AntiDDoS



HiSec Insight



Digital
World



Physical
World



CloudCampus 3.0

Fully-Wireless Inthelligent CloudCampus,
Unleashing Digital Productivity With Connectivity

A Leader in 2022 Gartner® Magic Quadrant™
for Enterprise Wired and Wireless LAN Infrastructure

Gartner Peer Insights
Customers' Choice for
Wired and Wireless
LAN Infrastructure

Gartner Peer Insights
Customers' Choice
for WAN Edge
Infrastructure

Gartner Peer Insights
Customers' Choice
for Network Access
Control



CloudEngine S Series



WLAN



SD-WAN/AR



EC-IoT



iMaster NCE

CloudCampus 3.0



HUAWEI

01 AirEngine Wi-Fi 6/7

WAC - High-End Model



AC6805

- 2 x 40GE optical, 12 x 10GE optical, 12 x GE electrical
- Max. speed: 120 Gbps
- Number of managed APs: 6K
- Number of access users: 64K

WAC - Mid-Range Model



AirEngine 9700-M1

- 2 x 40GE optical, 12x10GE optical, 12 x GE electrical
- Max. speed: 120 Gbps
- Number of managed APs: 2K
- Number of access users: 32K

WAC - Low-End Model



AC6508

- 2 x 10GE optical, 10 x GE electrical
- Max. speed: 10 Gbps
- Number of managed APs: 512
- Number of access users: 4K

WAC - Low-End Model



NEW
Sep 2023

AirEngine 9700-S

- 2 x 10GE optical, 10 x GE electrical
- Max. speed: 10 Gbps
- Number of managed APs: 256
- Number of access users: 4K

Indoor Settled AP - Wi-Fi 7 Model



NEW
Sep 2023

AirEngine 8771-X1T

- 2 x 10GE electrical, 1 x 10GE optical
- Max. speed: 18.67 Gbps
- Spatial stream: 4+4+4
- Built-in dynamic-zoom smart antenna
- BLE5.2, USB for IoT expansion

Indoor Settled AP - Flagship Model



AirEngine 8760-X1-PRO

- 2 x 10GE electrical, 1 x 10GE optical
- Max. speed: 10.75 Gbps
- Spatial stream: 4+12/4+8+4
- Built-in smart antenna
- BLE5.0, two IoT slots, USB for IoT expansion

Indoor Settled AP - High-End Model



AirEngine 8761-X1

- 1 x 10GE electrical, 1 x GE electrical
- Max. speed: 5.95 Gbps
- Spatial stream: 4+8
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Settled AP - High-End Model



AirEngine 6760-X1

- 1 x 10GE electrical, 1 x GE electrical, 1 x 10GE optical
- Max. speed: 10.75 Gbps
- Spatial stream: 4+6/4+8/4+4+4
- Built-in smart antenna
- BLE5.0, two IoT slots, USB for IoT expansion

Indoor Settled AP - High-End Model



AirEngine 6760-X1E

- 1 x 10GE electrical, 1 x GE electrical, 1 x 10GE optical
- Max. speed: 10.75 Gbps
- Spatial stream: 4+6/4+8/4+4+4
- Built-in smart antenna
- BLE5.0, two IoT slots, USB for IoT expansion

Indoor Settled AP - Mid-Range Model



Optical-
electrical PoE

AirEngine 6761-21

- 1 x 2.5GE electrical, 1 x 10GE optical
- Max. speed: 3.55 Gbps
- Spatial stream: 4+4
- Built-in dynamic-zoom smart antenna
- BLE5.2, USB for IoT expansion

Indoor Settled AP - Mid-Range Model



Optical-
electrical PoE

AirEngine 6761-21E

- 1 x 2.5GE electrical, 1 x 10GE optical
- Max. speed: 3.55 Gbps
- Spatial stream: 4+4
- External antenna
- BLE5.0, USB for IoT expansion

Indoor Settled AP - Mid-Range Model



AirEngine 6761-21T

- 1 x 2.5GE electrical, 1 x GE electrical
- Max. speed: 6.575 Gbps
- Spatial stream: 2+2+4
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Settled AP - Mid-Range Model*



Wi-Fi 6E

AirEngine 6761-22T

- 1 x 2.5GE electrical, 1 x GE electrical
- Max. speed: 6.575 Gbps
- Spatial stream: 2+2+4 (6 GHz)
- Built-in smart antenna
- BLE5.2, USB for IoT expansion

Indoor Settled AP - Mid-Range Model



AirEngine 5760-51

- 1 x 5GE electrical, 1 x GE electrical
- Max. speed: 5.95 Gbps
- Spatial stream: 2+4/4+4/2+2+4
- Built-in smart antenna
- BLE5.0, two IoT slots, USB for IoT expansion

Indoor Settled AP - Mid-Range Model



AirEngine 5761-21

- 1 x 2.5GE electrical, 1 x GE electrical
- Max. speed: 5.375 Gbps
- Spatial stream: 2+4
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Settled AP - Low-End Model

**AirEngine 5761-12**

- 2 x GE electrical
- Max. speed: 1.775 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.2, two IoT slots, USB for IoT expansion

Indoor Settled AP - Low-End Model

**AirEngine 5761-11**

- 1 x GE electrical
- Max. speed: 1.775 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Settled AP - Low-End Model

**AirEngine 5762-12**

- 1 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0

Indoor Settled AP - Low-End Model

**AirEngine 5762-10**

- 1 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna

Indoor Wall Plate AP

**AirEngine 5761-11W**

- 1 x GE electrical, 4 x GE electrical, 2 x RJ45 passthrough
- Max. speed: 1.775 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Wall Plate AP

**AirEngine 5761-12W**

- 1 x GE electrical, 4 x GE electrical, 2 x RJ45 passthrough
- Max. speed: 1.775 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0, USB for IoT expansion, PoE Out

Indoor Wall Plate AP

**AirEngine 5762-13W**

- 1 x GE electrical, 1 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Indoor Wall Plate AP

**AirEngine 5762-17W**

- 1 x GE electrical, 4 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.1, USB for IoT expansion

Optical-Electrical Wall Plate AP

Port
upgradeOptical-
electrical PoE**AirEngine 5762-15HW**

- 1x 2.5GE optical, 4 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0, USB for IoT expansion

86x86 Wall Plate AP

**AirEngine 5762-12SW**

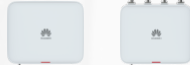
- 1 x GE electrical, 1 x GE electrical
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2
- Built-in smart antenna
- BLE5.0

Outdoor AP - High-End Model

**AirEngine 8760R-X1/X1E**

- 1 x 10GE electrical, 1 x GE electrical, 1 x 10GE optical
- Max. speed: 10.75 Gbps
- Spatial stream: 4+12/4+8+4
- Built-in smart antenna/External antenna
- BLE 5.0, PoE Out

Outdoor AP - Mid-Range Model

**AirEngine 6760R-51/51E**

- 1 x 5GE electrical, 1 x GE electrical, 1 x 10GE optical
- Max. speed: 5.95 Gbps
- Spatial stream: 4+4
- Built-in smart antenna/External antenna
- BLE5.0

Outdoor AP - Low-End Model

**AirEngine 5761R-11/11E**

- 1 x GE electrical, 1 x GE optical
- Max. speed: 1.775/2.4 Gbps
- Spatial stream: 2+2
- Built-in/External antenna
- BLE5.0

Scenario-Specific Wi-Fi - Agile Distributed 10GE Central AP



AirEngine 9700D-M1

- 4 x 10GE optical, 24 x GE electrical
- Max. speed: 128 Gbps

- Number of managed APs: 3K
- Number of access users: 32K

Scenario-Specific Wi-Fi - Agile Distributed RU



AirEngine 5761-11WD

- 1 x GE electrical, 4 x GE electrical, 2 x RJ45 passthrough
- Max. speed: 1.775 Gbps
- Spatial stream: 2+2

- Built-in smart antenna
- BLE5.0, USB for IoT expansion

Scenario-Specific Wi-Fi - In-Train AP



AirEngine 6760-51EI

- 1 x 5GE electrical, 1 x GE electrical, 1 x 10GE optical
- Max. speed: 4.8 Gbps
- Spatial stream: 4

- External antenna
- BLE5.0
- Used with partners' in-train boxes

Scenario-Specific Wi-Fi - Wi-Fi 6 Distributed AP



NEW
Sep 2023

AirEngine 9700D-S

- Max. speed: 10.75 Gbps
- Uplink: 1 x 10GE optical + 2 x 2.5GE electrical
- Downlink: 8 x optical-electrical ports
- RF ports: 4 x Wi-Fi SMA + 6 x IoT SMA

Scenario-Specific Wi-Fi - Wi-Fi 6 Distributed ORU



NEW
Sep 2023

AirEngine 5760-11DH

- 8 x SMAJ (connect to AU)
- 1 x SMA (connect to IoT)

Scenario-Specific Wi-Fi - Wi-Fi 6 Distributed AU



NEW
Sep 2023

Antenna Unit(AU)

Scenario-Specific Wi-Fi - Industrial Wi-Fi 6 CPE



UNR032H/33H

- 4 x GE electrical (horizontal/vertical ports)
- Max. speed: 2.975 Gbps
- Spatial stream: 2+2

- External antenna
- Industrial-grade design

02 CloudEngine S-series Switch

CloudEngine S16700 Series: Next-Generation Flagship Core Switches

NEW



S16700-4

- 4 service slots, 14.4 Tbps per slot
- Clos orthogonal architecture, 2 independent SFUs
- Up to 192 x 10GE, 144 x 40GE, or 144 x 100GE ports

- All-new architecture: Backplane-free orthogonal architecture increases switching capacity by 50%
- Ultra-high performance: One device supports 50,000 users and 100,000 terminals.

NEW



S16700-8

- 8 service slots, 14.4 Tbps per slot
- Clos orthogonal architecture, 4 independent SFUs
- Up to 384 x 10GE, 288 x 40GE, or 288 x 100GE ports

- Superfast forwarding: 14.4 Tbps bandwidth per slot, four times the industry average
- Innovative power supply: Dual-input power supply design requires 50% less space and improves efficiency by 90%

S12700E Series: Ideal Core Switches with Industry-Leading Performance



S12700E-4

- 4 service slots, 4.8 Tbps per slot
- Control and forwarding separation, 2 independent SFUs
- Up to 192 x 10GE, 160 x 25GE, 96 x 40GE, or 96 x 100GE ports

- Innovate cell switching achieves non-blocking forwarding of services.
- Super Virtual Fabric (SVF) manages the entire network as one device.



S12700E-8

- 8 service slots, 4.8 Tbps per slot
- Control and forwarding separation, 4 independent SFUs
- Up to 384 x 10GE, 320 x 25GE, 192 x 40GE, or 192 x 100GE ports

- Unique wired and wireless convergence enables management of up to 10,240 APs.
- Automatic deployment of VXLAN-based virtual networks (VNs) achieves "one network for multiple purposes".



S12700E-12

- 12 service slots, 4.8 Tbps per slot
- Control and forwarding separation, 4 independent SFUs
- Up to 576 x 10GE, 480 x 25GE, 288 x 40GE, or 288 x 100GE ports

RTU

S8700 Series: Next-Generation Modular Aggregation/Access Switches



S8700-4

- 2 SRU slots, 2 LPU slots
- The SRU offers 8 x 10GE optical ports or 2 x 10GE optical ports + 24 x GE optical ports.
- LPUs support up to 96 x GE, 48 x Multi-GE, or 48 x 10GE ports.
- 90 W PoE++



S8700-6

- 2 SRU slots, 4 LPU slots
- The SRU offers 1 x 100GE, 2 x 40GE, 4 x 25GE, or 8 x 10GE optical ports.
- LPUs support up to 192 x GE, 192 x Multi-GE, 192 x 10GE, or 64 x 25GE ports.
- 90 W PoE++

Optical-electrical PoE



S8700-10

- 2 SRU slots, 6 LPU slots
- The SRU offers 1 x 100GE, 2 x 40GE, 4 x 25GE, or 8 x 10GE optical ports.
- LPUs support up to 384 x GE, 384 x Multi-GE, 384 x 10GE, or 128 x 25GE ports.
- 90 W PoE++

Optical-electrical PoE

NEW

Sep 2023

LSG700VSX1E0

Value-added service card, assuring VIP as well as audio & video services



- Active-active main control boards: microsecond-level switchover, zero packet loss
- CSS switch fabric clustering and service port clustering

- Unique optical-electrical synergy: 300 m long-distance 90 W PoE++
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S7700 Series: High-End Smart Routing Switches

**S7703/S7703 PoE**

- Total 5 slots, including 3 service slots
- 2 main control boards, power module backup, and PoE++ support
- Up to 144 x 10GE, 36 x 40GE, or 18 x 100GE ports

**S7706/S7706 PoE**

- Total 8 slots, including 6 service slots
- 2 main control boards, power module backup, and PoE++ support
- Up to 288 x 10GE, 72 x 40GE, or 36 x 100GE ports

**S7712**

- Total 14 slots, including 12 service slots
- 2 main control boards, power module backup, and PoE++ support
- Up to 576 x 10GE, 144 x 40GE, or 72 x 100GE ports

- Support native AC and unified user management
 - Support CSS switch fabric clustering and service port clustering
- Note: S7703 does not support CSS.*

- Support MPLS L2 VPN and L3 VPN
- Support hardware-based Ethernet OAM and BFD

S6730-H-V2 Series: Full-Featured 25GE Routing Switches

**S6730-H48Y6C-V2**

- 48 x 25GE optical, 6 x 100GE optical
- Two pluggable power modules, supporting AC or DC

- 6 x 100GE uplink ports enable non-blocking forwarding.
- Network fault locating in minutes through Telemetry
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S6730-H Series: Full-Featured 25GE Routing Switches

**S6730-H28Y4C**

- 28 x 25GE optical, 4 x 100GE optical
- Two pluggable power modules, supporting AC or DC

* The default downlink ports are 10GE, which can be upgraded to 25GE through RTU licenses.

- 4/6 x 100GE uplink ports enable non-blocking forwarding.
- Network fault locating in minutes through Telemetry

**S6730-H24X4Y4C**

- 24 x 10GE optical*, 4 x 25GE optical, 4 x 100GE optical
- Two pluggable power modules, supporting AC or DC

- SVF manages the entire network as one device.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S6730-H-V2 Series: Full-Featured 10GE Routing Switches

**S6730-H28X6CZ-V2**

- 28 x 10GE optical, 6 x 40/100GE optical*
- One card slot
- Two pluggable power modules, supporting AC or DC

**S6730-H48X6CZ-V2**

- 48 x 10GE optical, 6 x 40/100GE optical*
- One card slot
- Two pluggable power modules, supporting AC or DC

**S6730-H24X6C-V2**

- 24 x 10GE optical, 6 x 40/100GE optical*
- Two pluggable power modules, supporting AC or DC

**S6730-H48X6C-V2**

- 48 x 10GE optical, 6 x 40/100GE optical*
- Two pluggable power modules, supporting AC or DC

- 6 x 100GE uplink ports enable non-blocking forwarding.
- Network fault locating in minutes through Telemetry

- The card slot (optional) enables flexible port expansion.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

* The default uplink ports are 40GE, which can be upgraded to 100GE through RTU licenses.

S6730-H Series: Full-Featured 10GE Routing Switches

**S6730-H24X6C**

- 24 x 10GE SFP+, 6 x 40/100GE QSFP28**
- AC or DC power supply, 1+1 power redundancy

**S6730-H48X6C**

- 48 x 10GE SFP+, 6 x 40/100GE QSFP28**
- AC or DC power supply, 1+1 power redundancy

- Integrated WAC manages up to 1K APs.
- Network fault locating in minutes through Telemetry

- SVF manages the entire network as one device.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

*The default uplink ports are 40GE, which can be upgraded to 100GE through RTU licenses.

S5732-H-V2 Series: Enhanced All-Optical GE/10GE Switches

**S5732-H24S4X6QZ-V2**

- 24 x GE optical, 4 x 10GE optical, 6 x 40GE optical
- One card slot
- Two pluggable power modules, supporting AC or DC

**S5732-H44S4X6QZ-V2**

- 44 x GE optical, 4 x 10GE optical, 6 x 40GE optical
- One card slot
- Two pluggable power modules, supporting AC or DC

- All-optical interconnection, on-demand selection of GE and 10GE
- Network fault locating in minutes through Telemetry
- The card slot (optional) enables flexible port expansion.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S5732-H Series: Enhanced All-Optical GE/10GE Switches

**S5732-H24S6Q**

- 20 x GE SFP, 4 x 10GE SFP+, 6 x 40GE QSFP+
- AC or DC power supply, 1+1 power redundancy

**S5732-H48S6Q**

- 44 x GE SFP, 4 x 10GE SFP+, 6 x 40GE QSFP+
- AC or DC power supply, 1+1 power redundancy

- Integrated WAC manages up to 1K APs.
- Network fault locating in minutes through Telemetry
- SVF manages the entire network as one device.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S5732-H-V2 Series: Enhanced Multi-GE Switches



RTU

S5732-H24UM4Y2CZ-V2

- 24 x 100M/1GE/2.5GE/5GE/10GE electrical (PoE++), 4 x 25GE optical, 2 x 100GE optical
- 8-port 10GE optical card supported
- Two pluggable power modules, supporting AC or DC
- 90 W PoE++

- Flexible selection of 25GE, 40GE, and 100GE uplink ports
- Network fault locating in minutes through Telemetry



RTU

S5732-H48UM4Y2CZ-V2

- 48 x 100M/1GE/2.5GE/5GE/10GE electrical (PoE++), 4 x 25GE optical, 2 x 100GE optical
- 8-port 10GE optical card supported
- Two pluggable power modules, supporting AC or DC
- 90 W PoE++

- Innovative RTU licensing enables flexible port rate upgrades.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S5732-H Series: Enhanced Multi-GE Switches



RTU

S5732-H24UM2CC

- 24 x 100M/1GE/2.5GE/5GE/10GE Base-T (PoE++), 4 x 25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28, one card slot*
- AC or DC power supply, 1+1 power redundancy

- Integrated WAC manages up to 1K APs.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".



RTU

S5732-H48UM2CC

- 48 x 100M/1GE/2.5GE/5GE/10GE Base-T (PoE++), 4 x 25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28, one card slot*
- AC or DC power supply, 1+1 power redundancy

- Network fault locating in minutes through Telemetry
- SVF manages the entire network as one device.

* The card slot supports an 8-port 25GE SFP28, 2-port 40GE QSFP+, or 8-port 10GE SFP+ card

S5731-H Series: Enhanced GE Switches

**S5731-H24T4XC**

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

**S5731-H24P4XC**

- 24 x 10/100/1000Base-T (PoE+), 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

**S5731-H48T4XC**

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

**S5731-H48P4XC**

- 48 x 10/100/1000Base-T (PoE+), 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

- Integrated WAC manages up to 1K APs.
- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

- 512 MB buffer ensures smooth services in case of traffic bursts.
- SVF manages the entire network as one device.

* The card slot supports a 2-port 40GE QSFP+ or 8-port 10GE SFP+ card.

S5731-H Series: Hybrid Optical-Electrical GE/10GE Switches

Optical-electrical
PoE**S5731-H24HB4XZ**

- 20 x hybrid GE SFP, 4 x hybrid 10GE SFP+, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

Optical-electrical
PoE**S5731-H48HB4XZ**

- 44 x hybrid GE SFP, 4 x hybrid 10GE SFP+, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

- Integrated WAC manages up to 1K APs.
- 300 m PoE++ to RUs through hybrid cables

- 512 MB buffer ensures smooth services in case of traffic bursts.
- SVF manages the entire network as one device.

*The card slot supports a 2-port 40GE QSFP+ or 8-port 10GE SFP+ card.

S5731-S Series: Standard GE Access Switches

**S5731-S24T4X**

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S24P4X**

- 24 x 10/100/1000Base-T (PoE+), 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S48T4X**

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S48P4X**

- 48 x 10/100/1000Base-T (PoE+), 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S24T4X-A**

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in AC power supply
- 220 mm deep

**S5731-S24T4X-D**

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in DC power supply
- 220 mm deep

**S5731-S48T4X-A**

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in AC power supply
- 220 mm deep

**S5731-S32ST4X**

- 24 x GE SFP, 8 x 10/100/1000Base-T, 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S32ST4X-A**

- 24 x GE SFP, 8 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in AC power supply
- 220 mm deep

**S5731-S32ST4X-D**

- 24 x GE SFP, 8 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in DC power supply
- 220 mm deep

**S5731-S48S4X**

- 48 x GE SFP, 4 x 10GE SFP+
- AC or DC power supply, 1+1 power redundancy

**S5731-S48S4X-A**

- 48 x GE SFP, 4 x 10GE SFP+
- Built-in AC or DC power supply
- 220 mm deep

- Network fault locating in minutes through Telemetry
- SVF manages the entire network as one device.

- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".

S5731-S Series: Standard Multi-GE Switches

**S5731-S24N4X2Q-A**

- 24 x 100M/1GE/2.5GE electrical, 4 x 10GE optical, 2 x 40GE optical
- Built-in AC power supply
- 220 mm deep

**S5731-S24UN4X2Q**

- 24 x 100M/1GE/2.5 GE (PoE++), 4 x 10GE optical, 2 x 40GE optical
- Three pluggable power modules, supporting AC or DC
- 90 W PoE++

**S5731-S8UN16UN2Q**

- 8 x 100M/1GE/2.5GE/5GE/10GE electrical + 16 x 100M/1GE/2.5GE electrical (PoE++), 2 x 40GE optical, or 12 x 100M/1GE/2.5GE/5GE/10GE electrical (PoE++), 4 x 10GE optical
- Three pluggable power modules, supporting AC or DC
- 90 W PoE++

- Network fault locating in minutes through Telemetry
- SVF manages the entire network as one device.

- Automatic deployment of VXLAN-based VNs achieves "one network for multiple purposes".
- Built-in security probe, unique security deception technology, proactive security protection

S5736-S Series: Standard All-Optical GE Switches

RTU

**S5736-S48S4X-A**

- 48 x GE SFP, 4 x 10GE SFP+
- Built-in AC power supply
- 220 mm deep

RTU

**S5736-S48S4X-D**

- 48 x GE SFP, 4 x 10GE SFP+
- Built-in DC power supply
- 220 mm deep

NEW

**S5736-S24S4XC**

- 24 x GE SFP, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

NEW

**S5736-S48S4XC**

- 48 x GE SFP, 4 x 10GE SFP+, one card slot*
- AC or DC power supply, 1+1 power redundancy

- Network fault locating in minutes through Telemetry
- SVF manages the entire network as one device.

- 420 mm models support a 2-port 40GE QSFP+ or 8-port 10GE SFP+ card.
- 220 mm models support the upgrade of downlink GE ports to 10GE ports through RTU licenses.

S5731-L Series: Remote Unit Switches

**S5731-L4T2S-RUA**

- 4 x GE electrical, 2 x GE optical
- Power supply by power adapters

**S5731-L4P2S-RUA**

- 4 x GE electrical (PoE++), 2 x GE optical
- Power supply by power adapters

**S5731-L4T2ST-RUA**

- 4 x GE electrical, 1 x GE optical + 1 x GE electrical
- Power supply by power adapters

**S5731-L4P2ST-RUA**

- 4 x GE electrical (PoE++), 1 x GE optical + 1 x GE electrical
- Power supply by power adapters



Optical-electrical PoE

S5731-L4P2HT-RUA

- 4 x GE electrical (PoE++), 1 x GE optical-electrical + 1 x GE electrical
- Optical-electrical PoE or power supply by power adapters

**S5731-L8T2ST-RUA**

- 8 x GE electrical, 1 x GE optical + 1 x GE electrical
- Power supply by power adapters

**S5731-L8P2ST-RUA**

- 8 x GE electrical (PoE+), 1 x GE optical + 1 x GE electrical
- Power supply by power adapters



Optical-electrical PoE

S5731-L8P2HT-RUA

- 8 x GE electrical (PoE+), 1 x GE optical-electrical + 1 x GE electrical
- Optical-electrical PoE or power supply by power adapters



Optical-electrical PoE

S5731-L4P2HW-RUA

- 4 x GE electrical (PoE++), 2 x GE optical-electrical
- Optical-electrical PoE or power supply by power adapters

NEW

**S5731-L16P2SR-RUA**

- 16 x GE electrical (PoE++), 1 x GE optical
- Power supply by power adapters

Note: Huawei's other Sx7 series switches can be upgraded through software to R21C10 or later to work with remote unit switches.

- Planning-free, configuration-free, plug-and-play, going online within 10s after power-on
- All-scenario installation: wall-embedded, wall-mounted, and desktop-placed

- Energy-saving hardware and software design: < 1 W per port, 30% lower power consumption
- Fanless and noise-free design, natural heat dissipation, creating quiet environments

S5735-S-I Series (SmartX): Intelligent Video Backhaul Switches

**S5735-S4T2X-IA150G1**

- 4 x GE electrical, 2 x 10GE optical
- Built-in AC power supply
- 12 V DC, 24 V AC, 220 V AC (outputs)

**S5735-S8P2X-IA200G1**

- 8 x GE electrical (PoE+), 2 x 10GE optical
- Built-in AC power supply
- 12 V DC, 24 V AC, 220 V AC (outputs)

**S5735-S8P2X-IA200H1**

- 8 x GE electrical (PoE+), 2 x 10GE optical
- Solar power + mains supply + battery (as backup power)
- 12 V DC, 24 V AC, 220 V AC (outputs)

- Simplified deployment: all-in-one design for fast installation and deployment
- Industrial-grade reliability: IP55, 6 kV surge protection, normal working at -40°C to 75°C

S5735-S-V2 Series: Standard GE Access Switches



NEW

S5735-S24T4XE-V2

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- AC or DC power supply, 1+1 power redundancy



NEW

S5735-S24P4XE-V2

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE+
- 3 power supplies, N+1 power redundancy



NEW

S5735-S24U4XE-V2

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE++ (90 W)
- 3 power supplies, N+1 power redundancy



NEW

S5735-S48T4XE-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- AC or DC power supply, 1+1 power redundancy



NEW

S5735-S48P4XE-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE+
- 3 power supplies, N+1 power redundancy



NEW

S5735-S48U4XE-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE++ (90 W)
- 3 power supplies, N+1 power redundancy

- 24/48 GE downlink electrical ports, 4 x 10GE uplink ports
- Telemetry-based network fault locating in minutes

- Redundancy of PSUs and fans ensures reliable device running.
- Fast/Perpetual PoE, providing reliable power supply and access for PDs

S5735-L-V2 Series: Simplified GE Access Switches



NEW

S5735-L8T4S-A-V2

- 8 x 10/100/1000Base-T, 4 x GE SFP
- Built-in AC power supply



NEW

S5735-L8P4S-A-V2

- 8 x 10/100/1000Base-T, 4 x GE SFP
- PoE+
- Built-in AC power supply



NEW

**S5735-L10T4X-A-V2/
S5735-L10T4X-TA-V2**

- 10 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in AC power supply



NEW

**S5735-L8P2T4X-A-V2/
S5735-L8P2T4X-TA-V2**

- 8 x 10/100/1000Base-T (PoE+), 2 x 10/100/1000Base-T, 4 x 10GE SFP+
- Built-in AC power supply



NEW

S5735-L16T4S-A-V2

- 16 x 10/100/1000Base-T, 4 x GE SFP
- Built-in AC power supply



NEW

S5735-L24T4S-A-V2

- 24 x 10/100/1000Base-T, 4 x GE SFP
- Built-in AC power supply



NEW

S5735-L24P4S-A-V2

- 24 x 10/100/1000Base-T, 4 x GE SFP
- PoE+
- Built-in AC power supply



NEW

S5735-L24T4XE-A-V2

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- Built-in AC power supply



NEW

S5735-L24T4XE-D-V2

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- Built-in DC power supply



NEW

**S5735-L24P4XE-A-V2/
S5735-L24P4XE-TA-V2**

- 24 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE+
- Built-in AC power supply



NEW

S5735-L48T4S-A-V2

- 48 x 10/100/1000Base-T, 4 x GE SFP
- Built-in AC power supply



NEW

S5735-L48LP4S-A-V2

- 48 x 10/100/1000Base-T, 4 x GE SFP
- PoE+, 380 W PoE Out
- Built-in AC power supply



NEW

**S5735-L48T4XE-A-V2/
S5735-L48T4XE-TA-V2**

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- Built-in AC power supply



NEW

S5735-L48T4XE-D-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- Built-in DC power supply



NEW

S5735-L48P4XE-A-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE+, 740 W PoE Out
- Built-in AC power supply



NEW

S5735-L48LP4XE-A-V2

- 48 x 10/100/1000Base-T, 4 x 10GE SFP+, 2 x 12GE stack ports
- PoE+, 380 W PoE Out
- Built-in AC power supply

- 8/10/16/24/48 x GE downlinks and 4 x GE/10GE uplinks, enabling multi-terminal access
- Intelligent port hibernation and fan speed adjustment, reducing power consumption

- Fast/Perpetual PoE, providing high-quality power supply
- Telemetry-based data collection in real time, visualized network O&M

S5735-L-Q-V2 Series: Quiet GE Switches

NEW

**S5735-L8T4X-QA-V2**

- 8 x GE electrical, 4 x 10GE optical
- Natural heat dissipation
- Built-in AC power supply

NEW

**S5735-L8P4X-QA-V2**

- 8 x GE electrical, 4 x 10GE optical
- Natural heat dissipation
- Built-in AC power supply, PoE+

NEW

**S5735-L16T4X-QA-V2**

- 16 x GE electrical, 4 x 10GE optical
- Natural heat dissipation
- Built-in AC power supply

NEW

**S5735-L24T4X-QA-V2**

- 24 x GE electrical, 4 x 10GE optical
- Natural heat dissipation
- Built-in AC power supply

- 8/16/24 x GE downlink electrical ports, 4 x 10GE uplink optical ports, enabling multi-terminal access
- Fanless design, natural heat dissipation, applicable to noise-sensitive scenarios

- Depth less than 220 mm, flexible installation and deployment
- Fanless design and intelligent energy consumption management, conserving energy

S3710 Series: GE Switches for SME Markets

NEW

**S3710-H24T4S-A**

- 24 x GE electrical, 4 x GE optical
- Built-in AC power supply

NEW

**S3710-H24P4S-A**

- 24 x GE electrical, 4 x GE optical
- Built-in AC power supply, PoE+

NEW

**S3710-H48T4S-A**

- 48 x GE electrical, 4 x GE optical
- Built-in AC power supply

NEW

**S3710-H48LP4S-A**

- 48 x GE electrical, 4 x GE optical
- Built-in AC power supply, PoE+

- 24/48 x GE downlinks and 4 x GE uplinks, enabling multi-terminal access
- Intelligent port hibernation and fan speed adjustment, reducing power consumption

- Fast/Perpetual PoE, providing high-quality power supply
- Telemetry-based data collection in real time, visualized network O&M

S5735I-S-V2 Series: Extended-Temperature Switches (Installed in a Cabinet)

NEW

**S5735I-S24T4XE-V2**

- 24 x GE electrical, 4 x 10GE optical, 2 x 12GE dedicated stack ports
- Normal working at -40°C to +65°C
- Two pluggable power modules, supporting AC or DC

NEW

**S5735I-S24U4XE-V2**

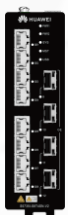
- 24 x GE electrical, 4 x 10GE optical, 2 x 12GE dedicated stack ports
- PoE++
- Normal working at -40°C to +65°C
- Three pluggable power modules, supporting N+1 backup

- 24 x GE downlinks and 4 x 10GE uplinks, enabling multi-terminal access
- Normal working at -40°C to +65°C, adapting to outdoor/industrial harsh environments

- Up to 90 W PoE++ on a port, reliable power supply with two or three power modules
- Telemetry-based data collection in real time, visualized network O&M

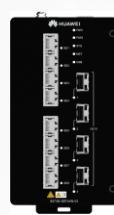
S5735I-S-V2 Series: Extended-Temperature Switches (Installed in the DIN Rail)

NEW

**S5735I-S8T4SN-V2**

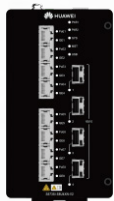
- 8 x GE electrical, 4 x GE optical, 1 x DI/DO, 1 x RS485
- Natural heat dissipation
- Direct DC power supply or through a 60 W AC adapter

NEW

**S5735I-S8T4XN-V2**

- 8 x GE electrical, 4 x 10GE optical, 1 x DI/DO, 1 x RS485
- Natural heat dissipation
- Direct DC power supply or through a 60 W AC adapter

NEW

**S5735I-S8U4XN-V2**

- 8 x GE electrical, 4 x 10GE optical, 1 x DI/DO, 1 x RS485
- PoE++
- Natural heat dissipation
- Direct DC power supply or through a 240 W AC adapter

NEW

**S5735I-H8T4S2XN (TSN capable)**

- 8 x GE electrical, 4 x GE optical, 2 x 10GE optical, 1 x DI/DO, 1 x RS485
- Natural heat dissipation

- 8 x GE downlinks, 4 x GE/4 x GE + 2 x 10GE/10GE uplinks, 1 x DI/DO, and 1 x RS485, ideal for access in diverse scenarios
- Up to 90 W PoE++ on a port, reliable power supply with two external DC power modules

- IP40, -40°C to 75°C operating temperature range, and surge protection design for service ports and power ports
- DIN rail-mounted or rack-mounted, adapting to diverse scenarios

03 NetEngine AR

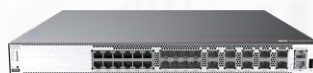
Enterprise routers for HQ/large branches



NEW

NetEngine AR8700-8

- WAN ports: 1 x 40GE optical, 8 x 10GE optical, 8 x GE combo
- 8 x SIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Control and forwarding separation, dual main control boards, dual power supplies
- Used with MPU-100 + SPU-700H



NetEngine AR8140-12G10XG NetEngine AR8140-T-12G10XG

- WAN ports: 10 x 10GE optical, 8 x GE combo, 4 x GE electrical
- 4 x SIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Dual power supplies



NetEngine AR6300

- WAN ports: 14 x 10GE optical, 10 x GE electrical
- 4 x SIC + 2 x WSIC + 4 x XSIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Dual SRUs, dual power supplies
- Two SRU types: SRU-400H and SRU-600H



NetEngine AR6280

- WAN ports: 14 x 10GE optical, 10 x GE electrical
- 4 x SIC + 2 x WSIC + 2 x XSIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Dual power supplies
- Two SRU types: SRU-400H and SRU-600H

Enterprise routers for midsize branches



NetEngine AR6710-L50T2X4 NetEngine AR6710-L50T2X4-T

- WAN ports: 2 x 10GE optical, 2 x GE electrical
- LAN ports: 48 x GE electrical

- 4 x SIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Dual power supplies



NetEngine AR6710-L26T2X4 NetEngine AR6710-L26T2X4-T

- WAN ports: 2 x 10GE optical, 2 x GE electrical
- LAN ports: 24 x GE electrical

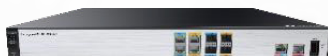
- 4 x SIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA
- Dual power modules



NetEngine AR6710-L8T3TS1X2 NetEngine AR6710-L8T3TS1X2-T

- WAN ports: 1 x 10GE optical, 2 x GE combo
- LAN ports: 8 x GE electrical, 1 x GE combo

- 2 x SIC
- 6 built-in enterprise-class security capabilities: IPS, URL filtering, antivirus, firewall, IPsec, and SA



NetEngine AR6140E-9G-2AC

- WAN ports: 2 x GE optical, 2 x GE electrical
- LAN ports: 2 x GE optical, 3 x GE electrical

- 4 x SIC
- 5G wireless card
- Dual power modules



NetEngine AR6121E

- WAN ports: 1 x 10GE optical, 2 x GE combo
- LAN ports: 8 x GE electrical, 1 x GE combo

- 2 x SIC
- 5G wireless card

Enterprise routers for small and midsize branches


NetEngine AR5710-H8T2TS1
NetEngine AR5710-H8T2TS1-T

- WAN ports: 2 x GE Combo
- LAN ports: 8 x GE electrical

- 1 x MIC


NetEngine AR5710-S Series

- WAN ports: 2 x 10GE optical/2.5GE electrical combo
- LAN ports: 4 x GE electrical, 4 x GE combo

- PoE++


NetEngine AR651

- WAN ports: 2 x GE Combo
- LAN ports: 8 x GE electrical

- 1 x MIC


NetEngine AR651W

- WAN ports: 2 x GE Combo
- LAN ports: 8 x GE electrical

- 1 x MIC
- Wi-Fi: Dual-band, 802.11b/g/n/ac


NetEngine AR651W-8P

- WAN ports: 2 x GE combo
- LAN ports: 8 x GE electrical

- 1 x MIC
- Wi-Fi: Dual-band, 802.11b/g/n/ac
- PoE+/ PoE


NetEngine AR657W

- WAN ports: 2 x GE combo, 1 x VDSL 35B
- LAN ports: 8 x GE electrical

- 1 x MIC
- Wi-Fi: Dual-band, 802.11b/g/n/ac

Enterprise routers for SOHOs & SMBs


NetEngine AR611

- Fixed WAN port: 1 x GE combo
- Fixed LAN ports: 4 x GE electrical

- Quiet, fanless design


NetEngine AR611W

- Fixed WAN port: 1 x GE combo
- Fixed LAN ports: 4 x GE electrical

- Wi-Fi: Dual-band, 802.11b/g/n/ac
- Quiet, fanless design


NetEngine AR617VW

- Fixed WAN port: 1 x GE combo, 1 x VDSL 35B
- Fixed LAN ports: 4 x GE electrical

- Wi-Fi: Dual-band, 802.11b/g/n/ac
- Voice: 2 x FXS
- Quiet, fanless design


NetEngine AR611-LTE4EA

- Fixed WAN port: 1 x GE combo
- Fixed LAN ports: 4 x GE electrical

- Wi-Fi: Dual-band, 802.11b/g/n/ac
- LTE: FDD/TDD LTE
- Quiet, fanless design


NetEngine AR611W-LTE6EA

- Fixed WAN port: 1 x GE combo
- Fixed LAN ports: 4 x GE electrical

- Wi-Fi: Dual-band, 802.11b/g/n/ac
- LTE: FDD/TDD LTE Cat6
- Quiet, fanless design

NEW
Mar 2023


NetEngine AR617VW-LTE4EA

- Fixed WAN port: 1 x GE combo, 1 x VDSL 35B, 1 x LTE
- Fixed LAN ports: 4 x GE electrical

- Wi-Fi: Dual-band, 802.11b/g/n/ac
- Voice: 2 x FXS
- Quiet, fanless design

Enterprise industry router



NEW Mar 2023

NetEngine AR631I-LTE4EA

- WAN ports: 1 x GE combo, LTE
- LAN ports: 1*GE combo + 3*GE electrical

- IP40, $\pm 7\text{kV}$
- $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$

04 EC-IoT

Industrial IoT gateway



AR502H

- Fixed ports: 3 x GE electrical, 2 x GE combo
- TDD/FDD LTE, WCDMA, and GSM
- Positioning systems: BeiDou, GPS, Galileo, and GLONASS
- Open software and hardware resources based on edge computing architecture
- Multi-container management, on-demand app deployment

Industrial IoT gateway



AR502H-5G

- Fixed ports: 3 x GE electrical, 2 x GE combo
- 5G NR SA/NSA, LTE FDD/TDD, and WCDMA
- Positioning systems: BeiDou, GPS, Galileo, and GLONASS
- Open software and hardware resources based on edge computing architecture
- Multi-container management, on-demand app deployment

Industrial IoT gateway



NEW

S5710I-S3T2TS

- Fixed ports: 3 x GE electrical, 2 x GE combo
- Positioning systems: BeiDou, GPS, Galileo, and GLONASS
- Open software and hardware resources based on edge computing architecture
- Multi-container management, on-demand app deployment

Industrial IoT gateway



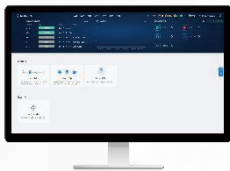
NEW

S1710I-S16D6A

- Fixed port: 1 x FE electrical
- IoT ports: 4 x RS485, 2 x RS232, 8 x DI, 6 x DO, and 2 x AI
- Lightweight app development and Modbus transparent transmission
- DIN rail-mounted
- BLE 5.0 compliance

05 iMaster NCE

Campus network management and control system



iMaster NCE-Campus

- Ideal for large/midsize campus, SMB, and multi-branch interconnection scenarios
- Automated network deployment, virtual network service provisioning, and multi-branch interconnection
- Massive user authentication, intelligent terminal management, hierarchical QoS scheduling, and intelligent verification

Campus network analytics system



iMaster NCE-CampusInsight

- Network health 360: wired and wireless network analysis, intelligent fault knowledge base (200+ typical faults), proactive fault demarcation and locating
- User experience 360: Telemetry-based real-time data collection, journey playback for each user, and real-time experience visualization
- Application assurance 360: application visibility and manageability as well as E2E application assurance via eMDI and iPCA technologies
- Intelligent optimization 360: differentiated roaming steering and intelligent network optimization based on reinforced learning algorithms

01 Global Proven Success Across Industries

Public service

300+ customers



50+

countries and regions

Manufacturing

100+ customers



20+

of Fortune Global 500
companies

Education

150+ customers



32

of QS 100 universities

Healthcare

100+ customers



10+

international hospitals

02 Winning the Highly Coveted Industry Awards

**A leader in the 2022
Gartner MQ for Enterprise
Wired and Wireless LAN
Infrastructure**

CloudCampus Solution



**2022 Gartner Peer Insights
"Customers' Choice" for
Wired and Wireless LAN
Infrastructure**

CloudCampus Solution



**2022 Gartner Peer
Insights "Customers'
Choice" for WAN Edge**

SD-WAN Solution



**Best Enterprise Wi-Fi
Award from Wireless
Broadband Alliance
(WBA)**

AirEngine Wi-Fi 6





NetEngine Series Routers



CloudWAN 3.0 Solution

Empowering Connectivity for Numerous Industries



CloudWAN access router series

**NetEngine 8000 M6**

- Industry's only dual-IPU 2U router
- 2*50GE/16*10GE, PCM interfaces
- Scenarios: public service /finance/power/ large enterprise

**NetEngine 8000 M1A**

- 1U router with high-density 10G ports
- 16*10GE/32*GE
- Scenarios: public service /finance/power/ large enterprise

**NetEngine 8000 M1C**

- 1U router with high-density 10G ports, dual AC power supplies
- 16*10GE/28*GE
- Scenarios: public service /finance/transportation/ large enterprise

**NetEngine A821 E**

- Industry's only 10GE hard slicing-capable 1U access router
- 2*10GE+8*GE/FE(O)+8*GE/FE(RJ45)
- Scenarios: public service/finance/transportation/ large enterprise

**NetEngine 8000 F1A**

- 1U router with high-density 100GE/10GE ports, dual power supplies, 3+1 fans
- 1.2 Tbps capacity, 8*100GE/80*10GE
- Scenarios: ISP/ public service /finance/ large enterprise

**NetEngine 8000 M1D-B**

- 1U router with high-density 10G ports, dual AC power supplies
- 2*50GE+2*25GE+2*10GE+14*GE
- Scenarios: transportation

CloudWAN aggregation router series

**NetEngine 8000 M14**

- Largest capacity: 5U high, 220mm Depth, 14 service slots, 2T up to 3.2Tbps
- Various types of ports: PCM/E1/POS/CPOS/GE/10GE/25GE/40GE/50GE/100GE/400GE
- Enhanced security: hard slicing-based security isolated, IPsec/MACsec encryption
- Scenarios: public service/finance

**NetEngine 8000 M8**

- Largest capacity: 3U high, 220mm Depth, 8 service slots, 1.2Tbps
- Various types of ports: PCM/E1/POS/CPOS/GE/10GE/25GE/40GE/50GE/100GE
- Enhanced security: hard slicing-based security isolated, IPsec/MACsec encryption
- Scenarios: public service/finance/power

**NetEngine 8000 M4**

- Large Capacity: 2U high, 220mm Depth, 4 Service Slots, 1.2Tbps
- Various Port Types: E1/POS/CPOS/GE/10GE/25GE/40GE/50GE/100GE/400GE
- Full Scenarios: Service Router, BNG, CGN, IPsec
- Scenarios: ISP/public service/finance/power

CloudWAN core router series

**NetEngine 8000 X8**

- Large capacity: capacity up to 19.2T/slot, 1.5x industry average
- Small footprint: compact orthogonal architecture, saving 24% of cabinet space
- Low power consumption: 0.3 W/G per device, 20% lower than industry average
- Scenarios: public service /finance/education backbone

**NetEngine 8000 X4**

- Large capacity: capacity up to 19.2T/slot, 1.5x industry average
- Small footprint: 10U vs. 14U (industry average), one cabinet for four chassis
- Low power consumption: 0.3 W/G per device, 20% lower than industry average
- Scenarios: public service /finance/education backbone

**NetEngine 8000 F8**

- Large capacity: 2T up to 6.4T
- High-density ports: 8*400GE/64*100GE/576*10GE, 1.5x industry's next best
- High flexibility & reliability: parent-child card architecture, forwarding-control separation
- Low power consumption: front-to-back airflow, double patented energy conserving technologies, 40% lower power consumption than industry's next best
- Scenarios: public service /power/finance

**VAS board VSUI-400**

- VAS features such as CGN, SA, IPsec
- FPICs adaptable to multiple high-end router models, enhancing solution competitiveness
- Scenarios: public service /finance/power/transportation

01 CloudWAN Solution Recognized by Enterprises Worldwide



100+ Transportation



90% top 50 ISP



200+ Pubic Service



18 top 100 Finance



50+ Energy

02 CloudWAN Solution Awards and Honors

2022

**Interop Best of Show
Award Grand Prize**

NetEngine A821 E &
NetEngine 8000 M4



NetEngine A821 E

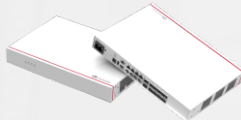
NetEngine 8000 M4

**Intelligent Cloud Terminal Router
Mini-BNG 4-in-1**

2021

**Frost & Sullivan Global
New ProductInnovation
Leadership Award**

NetEngine A800 E Series



NetEngine A800 E Series

**One fiber multipurpose transport,
one-hop cloud access, experience
awareness, and plug-and-play**

2020

**Frost & Sullivan New
Infrastructure Product
Recommendation**

NetEngine 8000 series routers



**Next-generation intelligent
universal-service routers**



iMaster NCE

Autonomous Driving Network Management and Control System



CloudEngine Data Center Switch

Gartner Peer
Insights Customers'
Choice for three
consecutive times

CloudFabric 3.0

— Easy CloudFabric, Creating Ultimate Experience



01 CloudFabric 3.0 Is World-Renowned

With CloudFabric 3.0 Solution, Huawei has maintained the third largest data center network market share in the world and largest in China. Huawei was positioned as a Challenger in Gartner's Magic Quadrant, and as a Leader by Forrester in Data Center Hardware Platform for SDN. Huawei's CloudFabric 3.0 Solution has been successfully put into commercial use in more than 21,000 DCs in over 140 countries and regions.



ICBC (Asia)



CyberAgent, Japan



UnionBank



Alicante
Government

02 Winning the Highly Coveted Industry Awards

Interop Best of Show Award



CloudEngine
DC Storage Network
Switches

OceanStor Dorado
All-Flash Storage
Systems

Industry's First EAL4+ Certification



CloudEngine 16800, 8800, and 6800 series
switches:
EAL4+ certification

CloudFabric 3.0 Awards



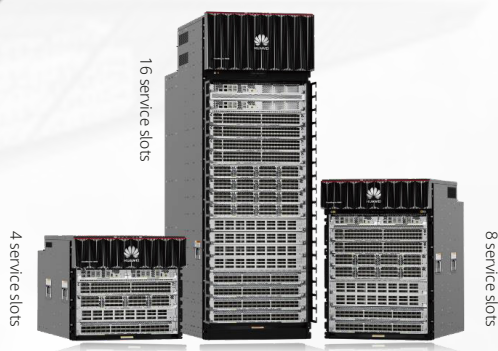
Gartner Peer Insights Customers'
Choice for three consecutive times

01

Huawei CloudEngine Series Data Center Switch Portfolio

CloudEngine 16800-X: Core Data Center Switch Built for the AI Era

2023 H2 NEW



CloudEngine 16800-X Series

Ultra-high convergence:

converged bearer of diversified computing power (general-purpose computing, high-performance storage, high-performance computing, and intelligent computing), 36%↓ TCO

All-scenario application acceleration:

application acceleration in all scenarios (AI training, distributed database, storage, and supercomputing), 20%↑ performance

800GE Ready ultra-high performance:

3.5 μs ultra-low latency, lowest in the industry; link switchover in sub-milliseconds upon a fault

CloudEngine 16800: Core Data Center Switch Built for the AI Era



CloudEngine 16816

- 16 service slots
- Switching capacity: 714 Tbps/1548 Tbps
- Packet forwarding rate: 45,120 Mpps



CloudEngine 16808

- 400GE smooth evolution
- Innovative iLossless algorithm, providing real-time learning and training of network-wide traffic and implementing auto-sensing and auto-optimization of the traffic model
- Zero packet loss and unleashing 100% computing power

- 8 service slots
- Switching capacity: 357 Tbps/774 Tbps
- Packet forwarding rate: 22,560 Mpps



CloudEngine 16804

- 4 service slots
- Switching capacity: 179 Tbps/387 Tbps
- Packet forwarding rate: 11,280 Mpps

CloudEngine 9800: High-Density 100GE Switch with Flexible Cards

NEW



CloudEngine 9860-4C-EI-A

- Four full-width flexible line cards
- 32-port 100GE/40GE, 8-port 400GE line card
- 25.6 Tbps switching capacity, 8000 Mpps forwarding performance
- Feature-rich: M-LAG, telemetry, and ZTP

CloudEngine 8850: 100GE Aggregation Switch



CloudEngine 8851-32CQ8DQ-P

- 32 x 40GE/100GE QSFP28 or 32 x 200GE QSFP56 ports, 8 x 400GE QSFP-DD ports
- 19.2 Tbps switching capacity
- 4350 Mpps forwarding performance
- Rich data center features: M-LAG, VXLAN, BGP EVPN, and microsegmentation
- Telemetry and ZTP



CloudEngine 8850-64CQ-EI

- 64 x 100GE QSFP28 ports
- 12.8 Tbps switching capacity,
- 4482 Mpps forwarding performance
- Rich data center features: M-LAG, VXLAN, BGP EVPN, and iStack
- Telemetry and ZTP

CloudEngine 6800: 25GE Access Switch



CloudEngine 6863E-48S6CQ

- 48 x 25GE SFP28 ports and 6 x 100GE QSFP28 ports
- 3.6 Tbps switching capacity
- 940 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, iStack, and M-LAG
- Telemetry, microsegmentation, and NSH



CloudEngine 6863H-48S6CQ

- 48 x 10GE/25GE SFP28 ports and 6 x 100GE QSFP28 ports
- 3.6 Tbps switch capacity
- 954 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, M-LAG
- Telemetry, PTP



CloudEngine 6866-48S8CQ-P

- 48 x 10GE/25GE SFP28 or 48 x 50GE SFP56 ports and 8 x 40GE/100GE QSFP28 or 8 x 200GE QSFP56 ports
- 8 Tbps switching capacity
- 2175 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, and M-LAG
- Telemetry, PTP

CloudEngine 6800: 10GE Access Switch



CloudEngine 6881-48S6CQ

- 48 x 10GE SFP+ ports and 6 x 100GE QSFP28 ports
- 2.16 Tbps switching capacity
- 940 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, M-LAG, and iStack
- Telemetry, microsegmentation, and NSH



CloudEngine 6881H-48S6CQ

- 48 x 10GE SFP+ ports and 6 x 40/100GE QSFP28 ports
- 2.16 Tbps switch capacity
- 954 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, M-LAG
- Telemetry, PTP



CloudEngine 6881-48T6CQ

- 48 x 10GE electrical ports and 6 x 100GE QSFP28 ports
- 2.16 Tbps switching capacity
- 940 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN, iStack, and M-LAG
- Telemetry, detecting network health in real time



CloudEngine 6881H-48T6CQ

- 48 x 10GE electrical ports and 6 x 100GE QSFP28 ports
- 2.16 Tbps switching capacity
- 954 Mpps forwarding performance
- Rich data center features: VXLAN, BGP EVPN and M-LAG
- Telemetry, PTP



CloudEngine 6870-48S6CQ-EI-A

- 48 x 10GE SFP+ ports and 6 x 40/100GE QSFP28 ports
- 2.16Tbps switching capacity
- 720 Mpps forwarding performance
- Hardware buffer: 8GB
- Rich data center features: VXLAN, BGP EVPN, iStack, and M-LAG
- Telemetry, detecting network health in real time



CloudEngine 6820H-48S6CQ

- 48 x 10GE SFP+ ports and 6 x 100GE QSFP28 ports
- 2.16 Tbps switching capacity
- 477 Mpps forwarding performance
- Rich data center features: M-LAG
- Telemetry

CloudEngine 5800: GE Access Switch



CloudEngine 5882-48T4S

- 48 x GE BASE-T ports and 4 x 10GE SFP+ ports
- 336 Gbps switching capacity
- 252 Mpps forwarding performance
- iStack

CloudEngine 6860-SAN & CloudEngine 8850-SAN: SAN Storage Network Switch



CloudEngine 6860-SAN

- 48 x 25GE SFP28, or 48 x 50GE SFP56 ports and 8 x 100GE QSFP28 or 8 x 200GE QSFP56 ports
- 8 Tbps switching capacity
- 2175 Mpps forwarding performance
- Exclusive iLossless algorithm, enabling lossless Ethernet
- Active-active all-Ethernet NoF+, 93% higher IOPS than FC
- Proactive detection of network-wide paths and real-time monitoring of network health



CloudEngine 8850-SAN

- 32 x 100GE QSFP28 or 32 x 200GE QSFP56 ports + 8 x 400GE QSFP-DD ports
- 19.2 Tbps switching capacity
- 4350 Mpps forwarding performance
- Exclusive iLossless algorithm, enabling lossless Ethernet
- Unique iNOF feature: plug-and-play and proactive switchover between active and standby servers
- Proactive detection of network-wide paths and real-time monitoring of network health

CloudEngine 6860-HAM & CloudEngine 8850-HAM: High Availability Multicast Switch



CloudEngine 6860-HAM

- 48 x 25GE SFP28, or 48 x 50GE SFP56 ports and 8 x 100GE QSFP28 or 8 x 200GE QSFP56 ports
- 8 Tbps switching capacity
- 2175 Mpps forwarding performance
- Reliable multicast: 32k multicast entries, MoFRR
- Rich data center features: VXLAN, BGP EVPN, and M-LAG
- Telemetry, PTP



CloudEngine 8850-HAM

- 32 x 100GE QSFP28 or 32 x 200GE QSFP56 ports + 8 x 400GE QSFP-DD ports
- 19.2 Tbps switching capacity
- 4350 Mpps forwarding performance
- Reliable multicast: 32k multicast entries, MoFRR
- Rich data center features: VXLAN, BGP EVPN, and M-LAG
- Standard and open NETCONF interfaces
- Telemetry, PTP



HiSec 3.0

Network Security

Building the Most Robust Cybersecurity Infrastructure to
Safeguard a Fully Connected Digital World



4.9/5 stars in 2021&2022
No.1 worldwide



Challenger for 6 years
Listed in MQ for 10
years



The Only Chinese Vendor
Listed as Strong Performer



The Only Chinese
Vendor Included for 2
years



The **Only Chinese Vendor**
with Recommended
Rating Twice

01 Network Security Honorary Awards

Building a Fully Connected, Intelligent World

Huawei Firewall Recognized as Customers' Choice in 2022 Gartner Peer Insights

Gartner Peer Insights Customers' Choice 2022



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Learn More

Building a Fully Connected, Intelligent World

Huawei Named Again as a Challenger in Gartner's Magic Quadrant for Network Firewalls in 2022

The Only Vendor in China that has been Listed in the Magic Quadrant for 10 Consecutive Years



Building a Fully Connected, Intelligent World

Huawei HiSecEngine USG6000E Series Firewall

Hardcore Security, Huawei Firewall Earns Highly Coveted "Recommended" Rating from NSS Labs Again

"In the NSS Labs 2019 NGFW Group test the Huawei HiSecEngine USG6000E NGFW demonstrated strong protection at a low total cost of ownership. We commend Huawei for achieving a Recommended rating for the SG6000E NGFW," said Vikram Phatak, Founder of NSS Labs. "As an NSS Labs Recommended product, the SG6000E should be considered by companies looking to deploy an NGFW."

—Vikram Phatak, Founder of NSS Labs




Leading Intelligent IP Networks



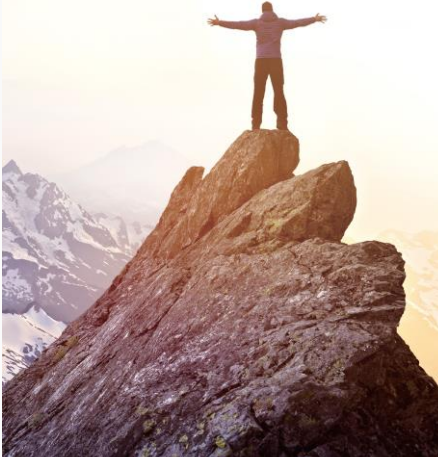
Huawei Network Security

Building a Fully Connected, Intelligent World

HiSec Insight

Huawei Security Situation Awareness System

As the Only Vendor in China, Huawei Is Included in 2022 Gartner Magic Quadrant for Security Information and Event Management



02 APT Defense

HiSec Insight Advanced Threat Analytics System



- 30+ intelligent detection algorithms for the full kill chain, dynamically identifying advanced threats such as APT, 0-day, and ransomware
- Association analysis reduces alarm noise, automates security orchestration, and responds to SOAR, improving O&M efficiency by 30%
- Collaboration between cloud, network, security, and device, enabling second-level threat event handling

FireHunter6000 Series Sandbox



- Detection of 50+ types of files to comprehensively identify unknown malware
- 4-layer in-depth detection to deliver 99.5%+ accuracy
- Second-level collaborative response to quickly block unknown malware

HiSecEngine Probe1000 Network Traffic Threat Detection Probe



- Precise identification: Precise identification of 6000+ protocols, deep protocol parsing, and file restoration technologies
- All-round detection: 12,000+ signature database for network intrusion detection and in-house antivirus detection engine
- Intelligent analysis: Fast threat detection based on intelligent detection algorithms, effectively improving the threat detection rate

03 Security Management

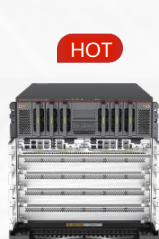
SecoManager (Security Controller)



- Multi-dimensional and automatic policy orchestration, security service deployment within minutes
- Intelligent policy O&M to reduce O&M costs by 80%
- Network collaboration and security association for closed-loop threat handling within minutes
- Collection and storage of millions of session logs, facilitating NAT source tracing
- Display of threat logs and reports, providing threat information at a glance
- AntiDDoS management, globally monitoring and mitigating DDoS attacks

04 T-Grade High-End AI Firewalls

HiSecEngine USG12000 Series



USG12004

- Expansion slots: 4, dual MPUs
- Maximum number of interfaces: 24*10GE+2*100GE/48*10GE
- Rack unit: 9.8U



USG12008

- Expansion slots: 8, dual MPUs
- Maximum number of interfaces: 24*10GE+2*100GE/12*100GE/48*10GE/4*400GE
- Rack unit: 15.8U



USG12004-F

- Expansion slots: 4, dual MPUs
- Maximum number of interfaces: 2*100GE+12*10GE/24*10GE
- Rack unit: 8U



USG12008-F

- Expansion slots: 8, dual MPUs
- Maximum number of interfaces: 2*100GE+12*10GE/24*10GE
- Rack unit: 13U

- Ultra-High Speed and Density: An innovative Galaxy security hardware platform offers service processing capability of up to 2.4Tbit/s.
- Intelligent Defense: A unique intelligent threat detection engine detects unknown threats with over 99% accuracy.
- Simplified O&M: An intelligent security operations and maintenance (O&M) platform reduces operating expenditure (OPEX) by over 80%.

05 Entry-Level and Mid-Range AI Firewalls

HiSecEngine USG6500E&USG6600E Series for Small and Medium-Sized Enterprises



USG6510E

- Fixed ports: 2*GE(SFP)+10*GE
- Desktop
- External adapter



USG6530E

- Fixed ports: 2*10GE(SFP)+10*GE
- Desktop
- External adapter



USG6525E

- Fixed ports: 2*10GE(SFP+)+8*GE Combo+2GE WAN
- 1U
- Optional redundant power supplies



USG6555E

- Fixed ports: 2*10GE(SFP+)+8*GE Combo+2GE WAN
- 1U
- Optional redundant power supplies



USG6565E

- Fixed ports: 2*10GE(SFP+)+8*GE Combo+2GE WAN
- 1U
- Optional redundant power supplies



USG6585E

- Fixed ports: 2*10GE(SFP+)+8*GE Combo+2GE WAN
- 1U
- Optional redundant power supplies



USG6575E-B

- Fixed ports: 16*GE(RJ45)+8*GE Combo+2*10GE(SFP+)
- 1U
- Optional redundant power supplies



USG6605E-B

- Fixed ports: 16*GE(RJ45)+8*GE Combo+2*10GE(SFP+)
- 1U
- Optional redundant power supplies

HiSecEngine USG6500F Series for Small and Medium-Sized Enterprises

NEW 2023

**USG6510F-DL**

- Up to 1.2 Gbps throughput
- 4*GE (SFP) + 8*GE (RJ45) + LTE
- Desktop, single power supply

NEW 2023

**USG6530F-DL**

- Up to 4 Gbps throughput
- 2*10GE (SFP+) + 2*GE (SFP) + 8*GE (RJ45) + LTE
- Desktop, single power supply

NEW 2023

**USG6510F-DPL**

- Up to 1.2 Gbps throughput
- 4*GE (SFP) + 8*GE (RJ45) + LTE
- Desktop, single power supply

NEW 2023

**USG6530F-DPL**

- Up to 4 Gbps throughput
- 2*10GE (SFP+) + 2*GE (SFP) + 8*GE (RJ45) + LTE
- Desktop, single power supply

NEW 2023

**USG6510F-D**

- Up to 1.2 Gbps throughput
- 10*GE (RJ45) + 2*GE (SFP)
- Desktop, single power supply

NEW 2023

**USG6530F-D**

- Up to 4 Gbps throughput
- 10*GE (RJ45) + 2*10GE (SFP+)
- Desktop, single power supply

NEW 2023

**USG6525F**

- Up to 2 Gbps throughput
- 2*GE (RJ45) + 8*GE COMBO + 2*10GE (SFP+)
- 1 U, optional dual power supplies

NEW 2023

**USG6555F**

- Up to 4 Gbps throughput
- 2*GE (RJ45) + 8*GE COMBO + 2*10GE (SFP+)
- 1 U, optional dual power supplies

NEW 2023

**USG6565F**

- Up to 6 Gbps throughput
- 2*GE (RJ45) + 8*GE COMBO + 2*10GE (SFP+)
- 1 U, optional dual power supplies

NEW 2023

**USG6585F**

- Up to 8 Gbps throughput
- 2*GE (RJ45) + 8*GE COMBO + 2*10GE (SFP+)
- 1 U, optional dual power supplies

- Superb Performance: Fully unleashing firewalls' defense capabilities, 5x unknown threat detection performance
- Intelligent Defense: Real-time threat processing at the network edge, unknown threat detection accuracy > 99%
- Simplified O&M: Security O&M based on service deployment and change policies, reducing OPEX by 80%+

HiSecEngine USG6600F&USG6700F Series for Large and Medium-Sized Enterprises and Data Centers

**USG6615F**

- Fixed ports: 8*GE COMBO+4*GE(RJ45)+4*GE(SFP)+6*10GE(SFP+)
- 1U
- Optional redundant power supplies

**USG6625F**

- Fixed ports: 8*GE COMBO+4*GE(RJ45)+4*GE(SFP)+6*10GE(SFP+) +
- 1U
- Optional redundant power supplies

**USG6635F**

- Fixed ports: 8*GE COMBO+4*GE(RJ45)+10*10GE(SFP+)
- 1U
- Dual AC power supplies

**USG6655F**

- Fixed ports:
8*GE COMBO+4*GE(RJ45)+10*10GE(SFP+)
- 1U
- Dual AC power supplies

**USG6685F**

- Fixed ports:
8*GE COMBO + 4*GE(RJ45) + 10*10GE(SFP+)
- 1U
- Dual AC power supplies

**USG6710F**

- Fixed ports:
2*100GE(QSFP28) + 2*40G(QSFP+)+
8*25(ZSFP+) + 20*10GE(SFP+)
- 1U
- Dual AC power supplies

**USG6715F**

- Fixed ports:
2*100GE(QSFP28)+2*40G(QSFP+)+
8*25(ZSFP+)+20*10GE(SFP+)
- 1U
- Dual AC power supplies

**USG6725F**

- Fixed ports:
4*100GE(QSFP28)+16*25GE(ZSFP+)+
8*10GE(SFP+)
- 1U
- Dual AC power supplies

- Superb Performance: Fully unleashing firewalls' defense capabilities, 5x unknown threat detection performance
- Intelligent Defense: Real-time threat processing at the network edge, unknown threat detection accuracy > 99%
- Flexible orchestration: ASE-based dynamic resource allocation and on-demand 10+ feature loading to protect customers' investment
- Simplified O&M: Security O&M based on service deployment and change policies, reducing OPEX by 80%+

06 DDoS Defense System

HiSecEngine AntiDDoS1000 & 12000 Series

**AntiDDoS1905**

- Fixed ports:
8*GE COMBO+4*GE RJ45+4*GE SFP+6*10GE SFP+
- 1U

**AntiDDoS1908**

- Fixed ports:
4*100G/40G+16*25G/10G(25G/100G COMBO)+8*10G/GE
- 1U



AntiDDoS12004

- Fixed ports:
24 x 10GBase-SFP+ + 2 x 40G/100GBase-QSFP28
48 x 10GBase-SFP+
- Height: 9.8U



AntiDDoS12008

- Fixed ports:
24 x 10GBase-SFP+ + 2 x 40G/100GBase-QSFP28
48 x 10GBase-SFP+
12 x 40G/100GBase-QSFP28
(Note that this LPU supports a maximum of 6 x 100GE ports)
4*400GBase-QSFP
- Height: 15.8U



NEW

AntiDDoS12016

- Fixed ports:
24 x 10GBase-SFP+ + 2 x 40G/100GBase-QSFP28
48 x 10GBase-SFP+
12 x 40G/100GBase-QSFP28
(Note that this LPU supports a maximum of 6 x 100GE ports)
4*400GBase-QSFP
- Height: 32.3U



AntiDDoS12004-F

- Fixed ports:
2 x 40G/100GBase-QSFP28 + 12 x 100M/1G/10GBase-SFP+
24 x FE/1G/10GBase-SFP+
- Height: 8U





AntiDDoS12008-F

- Fixed ports:
2 x 40G/100GBase-QSFP28 + 12 x 100M/1G/10GBase-SFP+
24 x FE/1G/10GBase-SFP+
- Height: 13U

- Terabit-level DDoS attack defense: Up to 2.4Tbps protection performance, millisecond-level attack response
- Precise DDoS attack protection: 60+ traffic models, defending against 100+ types of DDoS attacks
- Large traffic DDoS attack defense and intelligent big data protection engine to protect link availability
- Providing Layer 3/4/7 per-packet analysis to defend against application-layer DDoS attacks, protecting key service systems
- Defending against dual-stack (IPv4/IPv6) DDoS attacks

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