



Enterprise Product Portfolio

HUAWEI ENTERPRISE ICT SOLUTIONS
A BETTER WAY







Brief Introduction to Huawei Enterprise

Huawei is a leading global information and communications technology (ICT) solutions provider. To adapt to the revolutionary transformations taking place in the IT industry, Huawei is continually developing customer-oriented strategies and technologies. Specifically, Huawei's innovations are extending from telecom carrier networks to the enterprise and consumer businesses, and Huawei will collaboratively develop the cloud-pipe-device business across these fields.

Huawei Enterprise is one of Huawei's three Business Groups (BGs). By leveraging our strong R&D capabilities and comprehensive technical expertise, Huawei's strategy in the enterprise domain focuses on close cooperation and integration with partners to deliver a wide range of highly efficient customer-centric ICT solutions and services that are based on a deep understanding of customer needs. In line with our strategy, we offer a broad portfolio of innovative ICT solutions that cater to global vertical industry and enterprise customers across government and public sector, finance, transportation, energy, large enterprises, communications and multiservice operators (MSOs), and small and midsize enterprises (SMEs). Our portfolio covers enterprise networking, unified communications & collaboration (UC&C), cloud computing & data centre, enterprise wireless, network energy and infrastructure services.

Looking ahead, we are committed to serving as the most innovative and optimal ICT technology partner for global enterprises, accelerating their ICT development and improving their operational efficiency. We will work with our global enterprise customers and partners to jointly embrace the challenges brought about by ICT transformations, build a favorable industry ecosystem, and promote the sound development of the ICT industry and society at large.



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Enterprise Networking

Network Management System

Huawei eSight Operation and Maintenance Solution

The eSight is a next-generation enterprise network management system based on advanced Web 2.0 architecture and uses the browser/server model. The eSight provides a unified O&M platform and components to meet the demands of enterprise customers

eSight unified network management platform

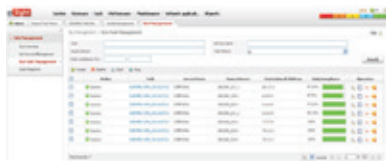
- Web 2.0 provides better user experience
- Multiple editions: Express edition, Compact Edition, Standard Edition, Professional Edition
- Unified O&M platform: Unified management of multiple devices from multiple vendors, including routers, switches, security devices, WLAN, servers, and third party devices



eSight SLA Manager

eSight SLA Manager works with the NQA function on network devices to measure network performance by sending diagnostic packets to and from multiple network elements or links.

- Service-oriented SLA and easy operation simplify O&M needs
- Visual historical network data provides the basis for network optimization



Network Traffic Analyzer

The Network Traffic Analyzer (NTA) provides refined management of network traffic and displays the Top N applications and hosts generating the highest traffic volume to help enterprises view traffic, locate faults, and plan applications on branch networks.

- Support for mainstream network traffic protocols including NetStream, NetFlow, and sFlow
- The Dashboard allows users to check network status on the entire network
 - Customized applications and groups give network administrators flexible methods to obtain traffic data
 - Traffic audit can extract an original data stream for analysis and fault location
 - Customized traffic reports provide a basis for future network planning

MPLS VPN Manager

The MPLS VPN Manager connects all enterprise branches to realize visible management of the entire enterprise network. The end-to-end MPLS service view and SLA testing of MPLS services guarantee the operation of key services. It realizes one-click fault diagnosis of services, devices, and ports to facilitate network O&M.

- Simple and convenient auto-discovery of services simplifies O&M
- One-click fault diagnosis leads to fast fault identification
- Visual service management facilitates unified monitoring of the entire network and provides upto-the-moment operational status of services
- Intelligent interaction with report, SLA, and performance monitoring



WLAN Manager

The WLAN Manager manages devices on WLAN networks in a centralized manner and implements visual monitoring on WLAN networks. This reduces WLAN network maintenance difficulties and costs.

- Comprehensive management for wireless devices such as ACs, Fit APs, and mobile terminals
- Wireless device batch configuration, improving management efficiency
- Rich wireless service reports, clearly revealing the wireless network quality, wireless network traffic, and time and spatial distribution of wireless users
- Identification, query, and blacklisting of unauthorized access devices
- Visual management of the WLAN device deployment region and location, network signal coverage scope, and network status





Switch

CloudEngine 6800

The CloudEngine 6800 series switches are next-generation 10G Ethernet switches, can be used in data centre to provide 10G access to servers, or used as core or aggregation switches in campus network.

- Models: CE6850-48S4Q-EI, CE6850-48T4Q-EI
- Ports: 48-port 10GE, 4-port 40GE QSFP+, and a 40GE QSFP+ allows using as four 10GE ports
- Switching Capacity: 1.28Tbps
- Device virtualization: Up to 16 devices stacking
- Key DC features: TRILL, FCoE, PFC, ETS, DCBX, VM detection (nCentre)
- Max. power consumption: $\leq 270W$



CE6850-48S4Q-EI



CE6850-48T4Q-EI

CloudEngine 5800

The CloudEngine 5800 series switches are next-generation high-density Gigabit Ethernet switches, can be used in data centre to provide GE access to servers, or used as aggregation or access switches in campus network.

- Model: CE5850-48T4S2Q-EI
- Ports: 48-port GE, 4-port 10GE SFP+ and 2-port 40GE's QSFP+, and a 40GE QSFP+ allows using as four 10GE ports
- Switching Capacity: 336 Gbps
- Device virtualization: Up to 16 devices stacking
- L2 multipath protocol: TRILL
- Max. power consumption: $\leq 150W$



CE5850-48T4S2Q-EI



Enterprise Networking

Enterprise IT

Enterprise Network
Energy

S7700

The S7700 series enterprise switches (S7700s) are high-end smart routing switches, which can function either as an aggregation or core node on a campus network to provide integrated wireless access or as an aggregation node in a data centre.

- High performance: up to 128G per slot, 100GE Ready
- Patented Cluster Switching System(CSS): low latency forwarding and high availability
- Hardware BFD/Ethernet OAM: enhances network reliability
- Well-designed QoS mechanism: improves the voice and video user experience
- Good performance in IPv6 service processing: realizes smooth transition from IPv4 to IPv6
- Left to rear air flow: high-density wiring and more ports to be connected
- Innovative energy-saving chips: allows intelligent power consumption control



S7703



S7706



S7712

S6700

The S6700 series enterprise switches (S6700s) are next generation 10G box switches, which can function as an access switch in an Internet data centre (IDC) or a core switch on a campus network.

- Large-capacity and high-density: 48 x10 Gbit/s access
- Comprehensive security policies: DoS attack defense, DHCP snooping, strict ARP learning, and centralized MAC address authentication
- High reliability mechanism: redundant power supplies, E-Trunk, SEP, and VRRP
- Enhanced QoS control mechanism: complex traffic classification, and bidirectional ACLs
- High scalability: iStack
- Convenient management: automatic configuration, SNMP v1/v2/v3, GVRP, multiplex VLAN, and BFD
- Various IPv6 features: IPv4/IPv6 dual stack, RIPng, and OSPFv3



S6700-24-EI



S6700-48-EI

S5700

The S5700 series enterprise switches (S5700s) are next-generation energy-saving switches, which can function as an access or aggregation switch on a campus network, a gigabit access switch in an Internet data centre (IDC), or a desktop switch to provide high-bandwidth access and Ethernet multi-service aggregation.

- Dual power slot: redundant powers input enhances system reliability
- Intelligent stacking (iStack): simplifies the management and enlarges the bandwidth
- Netstream: provides scalable, ASIC-based network monitoring and accounting
- Energy-Efficient Ethernet (EEE): reduces the energy consumption by 30%
- PoE+: simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power at each access point location



S5700-24TP-(PWR)-SI



S5700(S)-52P-(PWR)-LI



5700-28X-(PWR)-LI



S5700-28C-(PWR)-SI/EI-(24S)



S5700-48TP-(PWR)-SI



S5710-28C-(PWR)-LI



S5700-52C-(PWR)-SI/EI-(24S)



S5700-52X-(PWR)-LI



S5700(S)-28P-(PWR)-LI



S5700/S5710-52C-(PWR)-LI/EI



S5700-28C-HI(-24S)



S5700-10P-(PWR)-LI

S3700

The S3700 series enterprise switches (S3700s) are next-generation energy-saving 100M Layer 3 switches, which provide high-performance access and aggregation to an enterprise campus network.

- Powerful support for services: Multi-VPN-Instance CE (MCE) and multicast functions
- PoE function: flexible configuration on when or whether a PoE port provides power
- Comprehensive QoS policies and security mechanisms: complex traffic classification, DoS attack defense, DHCP snooping, strict ARP learning, centralized MAC address authentication, and 802.1x authentication
- Various routing and IPv6 features: IPv4/IPv6 dual stack, RIPng, and OSPFv3
- High scalability and excellent reliability: iStack, Smart Link, RRPP, and BFD
- Considerate maintenance-free design and manageability: batch remote upgrade, GVRP, MUX VLAN
- Unique fan-free and energy-saving design: dramatic reduction of power consumption and noise elimination



S3700-28TP-SI/EI



S3700-28TP-EI-MC/24S-(AC)



S3700-28TP-PWR-SI/EI



S3700-52P-(PWR)-SI/EI-(24S/48S)-(AC)



S3700-26C-HI



S3700-52P-PWR-SI/EI

S2700

The S2700 series enterprise switches (S2700s) are next-generation energy-saving 100M Ethernet intelligent switches, which can meet the demand for multi-service provisioning and access on Ethernet networks.

- Maintenance free, easy deployment, and easy management: automatic configuration, plug-and-play
- Flexible service control: various ACLs
- Excellent security features: DHCP snooping, centralized MAC address authentication, 802.1x authentication, and NAC
- PoE function: PoE power supplies with different power levels
- Comprehensive QoS policies: complex traffic classification
- Powerful surge protection capability: 6 kV of surge protection
- Noise free, energy conservation, and low radiation: fan-free design and port sleep mode



S2700-9TP-(PWR)-EI/SI



S2700-26TP-EI/SI



S270(1)0-52P-SI/EI



S2700-18TP-EI/SI



S2700-26TP-(PWR)-EI/SI

S1700

The S1700 series enterprise switches (S1700s) are next-generation energy-saving Ethernet access switches, which are ideal for small-size and medium-size enterprises, Internet cafes, hotels, and schools.

- New energy-saving design: EEE, and fan-free design
- Considerate maintenance-free design: one-key operation button, Web-managed models, and
- SNMP-based S1700 models
- Outstanding security performance: 802.1x, RADIUS, NAC, and packet filtering based on MAC
- addresses or ports Powerful link expansion and backup: LACP, STP, RSTP, and MSTP



S1700-8-AC



S1700-8G-AC



S1700-24-AC



S1724G



S1700-52R-2T2P-AC



S1728GWR-4P



S1700-28GFR-4P-AC



S1700-28FR-2T2P-AC

























S1700-52GFR-4P-AC



S1700-52FR-2T2P-AC

Enterprise Networking

Router

AR3200 Series HQ/Large Branch (>350 users)	<div>AR3260</div> 
AR2200 Series Medium Branch (50~350 users)	<div>AR2201-48FE / AR2201-48FE</div> <div>AR2204</div> <div>AR2220</div> <div>AR2240</div>    
AR1200 Series Small Branch (<50 users)	<div>AR1220</div> <div>AR1220V</div> <div>AR1220W / AR1220VW</div> <div>AR1220F</div>    
AR150 AR160 & AR200 SOHO & SMB (<30 users)	<div>AR208E</div> <div>AR206/AR207 / AR207V / AR207V-P / AR207VW AR207G-HSPA+7</div> <div>AR201 AR201VW-P</div> <div>AR169F</div>     <hr/> <div>AR169 FGVW-L</div> <div>AR169FVW</div> <div>AR168F</div> <div>AR162F</div>     <hr/> <div>AR161FG-L</div> <div>AR161FGW-L</div> <div>AR158EVW</div> <div>AR156 / AR156W / AR157 / AR157G-HSPA+7 AR157W / AR157VW</div> <div>AR151/AR151W-P AR151G-HSPA+7 / AR151G-C</div>     

AR3200

AR3200 series enterprise router are next-generation enterprise class routers based on Huawei Versatile Routing Platform (VRP) which integrates routing, switching, 3G, voice and security functions together to meet customer's service requirement in the future.

- 1 models: AR3260
- 8/12 core CPU, distributed service processing and nonblocking switching structure
- Hot swappable interface cards redundant components such as fan modules and power modules
- Supports various wired and wireless access modes: such as Ethernet, E1/T1, xPON, CPOS, WiFi, 3G, etc.
- Forwarding capacity: 2Mpps (SRU40)/2.5M (SRU60)/4Mpps (SRU80)



AR3200

AR2200

AR2200 series enterprise router are next-generation enterprise class routers based on Huawei Versatile Routing Platform (VRP) which integrates routing, switching, 3G, voice and security functions together to meet customer's service requirement in the future.

- 6 models: AR2201-48FE, AR2202-48FE, AR2204, AR2220, AR2220L, AR2240
- 4/8/12 core CPU, distributed service processing and nonblocking switching structure
- Hot swappable interface cards redundant components such as fan modules and power modules
- Supports various wired and wireless access modes: such as Ethernet, E1/T1, xPON, CPOS, WiFi, 3G, etc.
- Forwarding capacity: 1Mpps (AR2220), 2Mpps (AR2240 with SRU40), 2.5M (AR2240 with SRU60), 4Mpps (AR2240 with SRU80)



AR2201-48FE/AR2202-48FE



AR2204



AR2220/AR2220L



AR2240

AR1200

AR1200 series enterprise router are next-generation enterprise class routers based on Huawei Versatile Routing Platform (VRP) which integrates routing, switching, 3G, WLAN, voice, and security functions together to meet customer's service development requirement in the future.

- 4 models: AR1220, AR1220V, AR1220W, AR1220VW
- Multi-core CPU, distributed service processing and nonblocking switching structure
- Various voice functions supported by built-in PBX, SIP server and SIP access gateway (AR1220W, AR1220VW)
- PoE support (1200V, 1200W, 1200VW)
- WLAN: IEEE 802.11 b/g/n (1220W, AR1220VW)
- Forwarding capacity: 450Kpps



AR1220/AR1220V



AR1220W/AR1220VW

AR150 & AR160 & AR200

As fixed interface routers for the AR G3 series, AR150&200 Series routers are next-generation routers for enterprise branches and small businesses.

- 19 models: the AR151, AR151G-HSPA+7, AR151W-P, AR156, AR157, AR157G-HSPA+7, AR157VW, AR157W, AR158E, AR158EVW, AR201, AR201VW-P, AR206, AR207, AR207GHSPA+ 7, AR207V, AR207V-P, AR207VW and AR208E
- Multi-core CPU, distributed service processing and non-blocking switching structure
- Various voice functions supported by built-in PBX, SIP server and SIP access gateway (AR207V, AR207V-P)
- PoE support (AR207V-P)
- Forwarding capacity: 300K (AR150 series)/450Kpps (AR200 series)
- Supports various fixed WAN port:

1 FE (AR151/AR201)

1 ADSL2+ Annex A/M (AR157/AR207/AR207V/AR207VP/AR207G-HSPA+7)

1 ADSL2+ Annex B (AR156/AR206)

1 G.SHDSL (AR158E/AR208E)



AR151

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x FE WAN
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR151G-HSPA+7

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x FE WAN, WCDMA HSPA+7
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR151G-C

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex A/M, CDMA2000 EVDO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR151W-P

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN (PoE), 1 x FE WAN, 802.11 b/g/n
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR156

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex J
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR156W

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex J, 802.11 b/g/n
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR157

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex A/M
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR157G-HSPA+7

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex A/M, WCDMA HSPA+7
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR157VW

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex A/M, 802.11 b/g/n
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR157W

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x ADSL2+ Annex A/M, 802.11 b/g/n
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR158E

- WAN speed with services (IMIX): 100 Mbps
 - Fixed ports: 4 x FE LAN, 1 x G.SHDSL 8-wire,
 - Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)
-



AR158EVW

- WAN speed with services (IMIX): 100 Mbps
- Fixed ports: 4 x FE LAN, 1 x G.SHDSL 8-wire, 802.11 b/g/n
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR161FG-L

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 4 x GE LAN, 1 x GE Combo WAN, FDD LTE
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR161FGW-L

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 4 x GE LAN, 1 x GE Combo WAN, FDD LTE, 802.11 b/g/n
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR168F

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 4 x GE LAN, 1 x G.SHDSL 4-wire, 1 x GE Combo WAN
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR169F

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 4 x GE LAN, 1 x VDSL2, 1 x GE Combo WAN
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR201

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x FE WAN
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR201VW-P

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN(PoE), 1 x FE WAN, 802.11 a/b/g/n
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR206

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x ADSL2+ Annex J
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR207

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x ADSL2+ Annex A/M
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR207G-HSPA+7

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, WCDMA HSPA+,
- 1 x ADSL2+ Annex A/M
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR207V

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x ADSL2+ Annex A/M
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



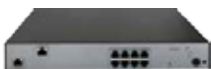
AR207V-P

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN(PoE), 1 x ADSL2+ Annex A/M
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR207VW

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x ADSL2+ Annex A/M, 802.11 a/b/g/n
- Fixed Voice ports: 4 x FXS, 1 x FXO
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)



AR208E

- WAN speed with services (IMIX): 150 Mbps
- Fixed ports: 8 x FE LAN, 1 x G.SHDSL 8-wire
- Dimensions (H x W x D): 44.5 mm x 300 mm x 220 mm (1.75 in. x 11.8 in. x 8.66 in.)

Enterprise Networking

WLAN

SPU for S7700/S9700

AC Card SPU

- Management capacity: 1024 Aps(Max), 32K Users(Max)
- Power consumption: 153W
- Forwarding capacity: 20 Gbit/s line-speed
- ACL: Hardware(32K)



AC6605-26-PWRAC Card SPU

Box AC

- Management capacity: 512 Aps(Max), 10K Users(Max)
- Interface: 2*10GE optical interface, 20* GE electrical interface, 4* GE combo interface
- Power consumption: 85W
- Forwarding capacity: 8 Gbit/s line-speed
- ACL: software(4K)



Enterprise Networking

Enterprise IT

Enterprise Network
Energy

AP6010SN-GN

Indoor single-frequency AP with built-in antennas.

- Protocol: 802.11b/g/n
- Frequency bands: 2.4GHz
- Power support: PoE/PoE+
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300Mbps
- Maintenance: dying gasp



AP6010DN-AGN

Indoor dual-frequency AP with built-in antennas.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE/PoE+
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300Mbps x 2
- Maintenance: dying gasp



AP7110DN-AGN

Indoor dual-frequency AP with external antennas.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE+
- Antennas: 3x3 MIMO, Beamforming
- PHY data rates: 450Mbps x 2
- Maintenance: dying gasp



AP6310SN-GN

Indoor distributed single-frequency AP with external antennas. Protocol: 802.11a/b/g/n

- Protocol: 802.11b/g/n
- Frequency bands: 2.4GHz
- Power support: PoE/PoE+
- PHY data rates: 150 Mbps
- Maintenance: dying gasp



AP6510DN-AGN

Outdoor dual-frequency AP with external antennas, PoE power supply.

- Protocol: 802.11 a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE+
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300 Mbps x 2
- Maintenance: dying gasp



AP6610DN-AGN

Outdoor dual-frequency AP with external antennas, SFP, and AC power supply.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: AC Power Supply
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300 Mbps x 2
- Interface: SFP
- Maintenance: dying gasp



AP5010SN-GN

Indoor single-frequency AP with built-in antennas.

- Protocol: 802.11b/g/n
- Frequency bands: 2.4GHz
- Power support: PoE/PoE+
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300Mbps



AP5010DN-AGN

Indoor dual-frequency AP with built-in antennas.

- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE/PoE+
- Antennas: 2x2 MIMO, Beamforming
- PHY data rates: 300Mbps x 2
- Protocol: 802.11a/b/g/n



AP5030DN

The AP5030DN is a performance-enhanced 802.11ac access point (AP) that provides a rate of up to 1.75 Gbit/s. It is well-designed with rich features and especially applicable to high-density scenarios.

- Compliance with IEEE 802.11a/b/g/n/ac
- 3x3 MIMO (three spatial streams)
- Maximum rate: 1.75 Gbit/s
- Built-in antenna
- 20 dBm
- Power Support: POE/POE+



AP3010DN-AGN

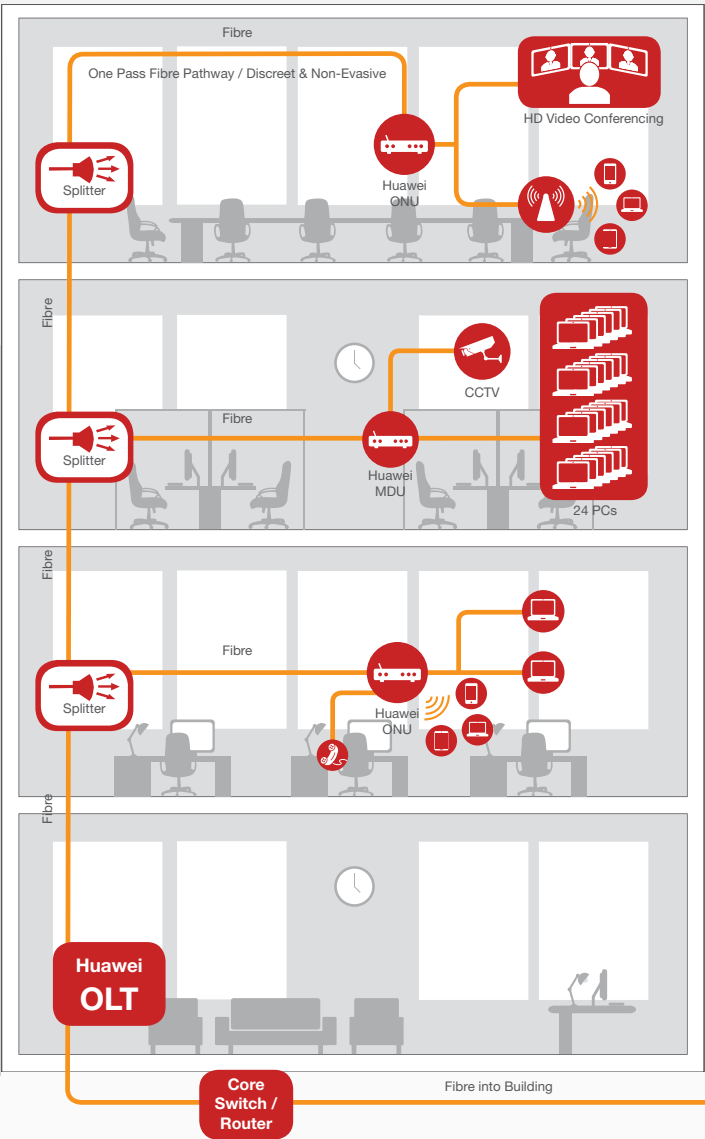
Indoor dual-frequency AP with built-in antennas.

- Protocol: 802.11a/b/g/n
- Frequency bands: 2.4GHz & 5GHz
- Power support: PoE/PoE+
- Antennas: 2x2 MIMO,
- PHY data rates: 300Mbps x 2



Enterprise Networking

Access - POL/GPON



MA5600T/5603T/5608T

The SmartAX MA5600T is the global first OLT which integrates the functionality of aggregation switch and edge router. It can provide high density GPON and Ethernet P2P optical access, triple-play service, TDM/ATM/Ethernet leased line services.

- System Performance:
 - Backplane bus switching capacity: 3.2T/1.5T/720G bps
 - Control board Switch capacity: 960G/960G/256G bps
 - MAC addresses Num: 512K
 - Switching Mode: Line speed L2/L3 switching
 - Clock features: BITS/E1/STM-1/Ethernet
 - Synchronization/IEEE
 - 1588v2/1PPS +ToD
- GPON Line Card:
 - GPON Card: 8/16 ports GPON card with pluggable SFP
 - optical module(Class B+ or Class C+ are optional)
 - 10G GPON Card: 4 ports 10G GPON card
 - Splitting ratio: Up to 1:128
- High reliability networking:
 - Network protection features: support direct connection to the BRAS, ONU dual-homing to two OLTs for redundancy and hitless software upgrade function



MA5600T



MA5603T



MA5608T

MA5620

The SmartAX MA5620 is an industry-leading remote MDU which provides broadband services and IP voice services on the Fiber To The Building (FTTB) network for family users and small to medium enterprises.

- Network-side port: 2*GPON / 2*GE / 1*GPON+1*GE
- User-side port: 24*FE+24*POTS; 16*FE+16*POTS; 8*FE+8*POTS
- Operating temperature: -40°C to 55°C; startup at -25°C
- Lightning protection capability: LAN: 6kV; POTS: 4kV



MA5669

The SmartAX MA5669 is an industry-leading remote multi dwelling unit (MDU) launched by Huawei, which provides broadband services on the Fiber To The Building (FTTB) network and POE function on a passive optical network (PON).

- Network-side port: 1*GE/1*GPON
- User-side port: 2*GE/2*GE(POE)
- High reliability: Supports the working temperature from -40°C to 55°C, 6kV lightning protection.
- Suit for WiFi and video monitoring scenario support POE function, lower investment and fast service deployment
- Easy installation: Integrated device, support wallmounting, Cable installation, Pole installation



HG8010

The EchoLife HG8010 is an indoor optical network terminal (ONT) in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 1*GE
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



HG8110

The EchoLife HG8110 is an indoor optical network terminal (ONT) in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 1*GE+1*POTS
- SIP and H.248 protocols
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



HG8240

The EchoLife HG8240 is an indoor optical network terminal (ONT) in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 4*GE+2*POTS
- SIP and H.248 protocols
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



HG8242

The EchoLife HG8242 is an indoor optical network terminal (ONT) in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 4*GE+2*POTS+1*CATV
- SIP and H.248 protocols
- Remotely CATV port enabling/disabling and remotely query of the CATV port status
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



HG8245

The EchoLife Hg8245 is an optical network terminal (ONT), is a high-end home gateway in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 4*GE+2*POTS+1*USB+1*WiFi
- SIP and H.248 protocols
- Virtual server, port trigger, DMZ, and DDNS
- 802.11b/g/n, certified by the Wi-Fi Alliance
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



HG8247

The EchoLife Hg8247 is an optical network terminal (ONT) is a high-end home gateway in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 4*GE+2*POTS+1*USB+1*CATV+1*WiFi
- SIP and H.248 protocols
- Remotely CATV port enabling/ disabling and remotely query of the CATV port status
- Virtual server, port trigger, DMZ, and DDNS
- 802.11b/g/n, certified by the Wi-Fi Alliance
- Class B+ optical module; 802.1ag Ethernet OAM;
- IGMP V2&V3 snooping



HG8447

The EchoLife Hg8447 is an optical network terminal (ONT), is a high-end home gateway in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

- User-side port: 4*GE+4*POTS+1*USB+1*CATV+1*WiFi
- SIP and H.248 protocols
- Remotely CATV port enabling/ disabling and remotely query of the CATV port status
- Virtual server, port trigger, DMZ, and DDNS
- 802.11b/g/n, certified by the Wi-Fi Alliance
- Class B+ optical module; 802.1ag Ethernet OAM; IGMP V2&V3 snooping



MA5626

The SmartAX MA5626 is an industry-leading remote MDU which provides broadband services on the Fiber To The Building (FTTB) network for family users and small to medium enterprises.

- Network-side port: 2*GPON / 2*GE / 1*GPON+1*GE
- User-side port: 24*FE/16*FE/8*FE
- Operating temperature: -40°C to 55°C; startup at -25°C
- Lightning protection capability: LAN: 6kV



MA5612

The SmartAX MA5612 is an industry-leading remote MDU which supports flexible configurations and provides broadband services on the Fiber To The Building (FTTB) network and leased line services on a passive optical network (PON).

- Network-side port: 2*GPON / 2*GE / 1*GPON+1*GE
- Supports fixed configurations and provides two slots
- The fixed configurations are as follows: 2*GE (electrical) + 6*FE (electrical); 2*GE (electrical) + 6*FE (electrical) + 16*POTS; 2*GE (electrical) + 6*FE (electrical) + 16*POTS + 1*RF
- The two slots can house the following boards: 8*FE ports; 16*POTS/8*E1 ports
- Operating temperature: -40°C to 65°C; startup at -25°C
- Lightning protection capability: LAN: 6kV; POTS: 4kV



MA5616

The SmartAX MA5616 is an industry-leading remote multi dwelling unit (MDU) launched by Huawei, which supports flexible configurations and provides broadband services on Fiber To The Building (FTTB) and Fiber To The Curb (FTTC) networks.

- Network-side port: 2*GE/ 1*GPON+1*GE
- Supports different types of service boards when using different control boards: 32/64-channel POTS boards; 32-channel ADSL2+ board; 16/24/32/48-channel VDSL2 boards; 32-channel combo board (32*POTS + 32*ADSL2+); 32-channel combo board (32*POTS + 32*VDSL2); 16-channel FE board, P2P board with 4*GE + 4*FE
- Operating temperature: -40°C to 65°C; startup at -25°C
- Support for 48V backup power



MA5621

The SmartAX MA5621 is the first multi dwelling Appearance unit (MDU) specifically designed for smart grid telecommunication in the industry.

- Network-side port: 2*GPON / 2*GE / 1*GPON+1*GE
- User interface: 4*GE/FE (auto-adaptive electrical) ports and 4*RS232/RS485 serial ports (configurable using software)
- Heat dissipation: a metallic shell and passive cooling, preventing service interruptions due to fan faults
- Operating temperature: -40°C to 70°C; startup at -25°C; endure an 85°C high temperature for two hours
- Lighting proof: support for 6 kV surge protection capability, applicable to thundery and rainy areas



MA5621A

Huawei SmartAX MA5621A is the first multi dwelling unit (MDU) designed specifically for AMR (automatic ammeter reading) in the industry. MA5621A also can work in video monitor system and broadband access in residential area.

- Network-side port: 1*GPON uplinks; SFF; SC/PC (UPC)
- User interface: 4*FE + 2*RS485
- Operating temperature: wide working temperature range from -40°C to 50°C, meeting extreme weather conditions
- Lighting proof: support for 6 kV surge protection capability, applicable to thundery and rainy areas
- Green energy-saving: Small and light for easy installation; low noise and power consumption meet EU environmental protection requirement



MA5631

The SmartAX MA5631 is an Ethernet over Coax (EoC) head end launched by Huawei and used in passive optical network (PON)+EoC bidirectional network restructuring solutions (namely, mutual opening between telecom and broadcasting industries).

- User-side port: 4*RF input and 4*RF output
- Two uplink ports using the SFP optical modules and one GE electrical port: 2*GPON; 2*GE (optical); 1*GE (optical) 1*GPON; 1*GE (electrical)
- Modulation Technology: the mainstream low-frequency HomePlug AV modulation technology
- Num of users: a maximum of 256 users
- Installation: can be installed against a pole or on a wall, meeting outdoor usage requirements and various installation scenarios



Enterprise Networking

Enterprise IT

Enterprise Network Energy

MA5632

The SmartAX MA5632 is an Ethernet over Coax (EoC) head end product launched by Huawei and used in Cable bidirectional network restructuring solutions.

- User-side port: 2*RF signals input and 2*RF output
- Network-side port: 1*GPON/GE; 1*GE electrical port
- Num of users: a maximum of 128 users
- Modulation Technology: the mainstream low-frequency HomePlug AV modulation technology
- Future network evolution: the capability to support IPV6 and multicast, ready for future network evolution





Enterprise Networking

Huawei Firewalls / Unified Security Gateways

USG2110 Series

- Fixed configuration
- Performance
 - Firewall throughput (large packet): 180 Mbps
 - Packet forwarding rate(small packet):120 Kpps
 - IPSEC VPN throughput:40M bps
- Basic features
 - Firewall/Service Awareness
 - PPPoA/DDNS/TR069
- Full UTM features
 - IPS/AV/AS/URL filtering
- IPv6
- Virtual Firewall
- L2TP/IPSEC/MPLS/GRE/SSL VPN
- SOHO users (1 to 20)



USG2160 Series

- 1 FE+8 FE (rack-mounted)
- Performance
 - Firewall throughput (large packet): 200 Mbps
 - Packet forwarding rate(small packet):160 Kpps
 - IPSEC VPN throughput:50M bps
- 1 MIC expansion slots
 - Serial/E1/CE1/ADSL2+/FE/GE/3G/G.SHDSL
 - Built-in WiFi (W model)
- Full UTM features
 - IPS/AV/AS/URL filtering
- IPv6
- Virtual Firewall
- L2TP/IPSEC/MPLS/GRE/SSL VPN
- Small branches (20 to 100)



USG2230/USG2260 Series

- 2 GE combo (rack-mounted)
- Performance
 - Firewall throughput (large packet): 900M/2Gbps
 - Packet forwarding rate(small packet):360/490 Kpps
 - IPSEC VPN throughput:300/500M bps
- 4 MIC+2 FIC expansion slots
 - FE/GE/Serial/E1/CE1/ADSL2+/G.SHDSL/3G/WIFI
- Full UTM features
 - IPS/AV/AS/URL filtering
- IPv6
- Virtual Firewall
- L2TP/IPSEC/MPLS/GRE/SSL VPN
- Medium-sized users (100 to 400)



USG5120 Series

- 2 GE+2 GE combo (rack-mounted)
- Performance
 - Firewall throughput (large packet): 2.5G
 - Packet forwarding rate(small packet): 950 Kpps
 - IPSEC VPN throughput: 1Gbps
- 4 MIC+2 FIC+2DFIC expansion slots
 - FE/GE/Serial/E1/CE1/ADSL2+/G.SHDSL/3G/WIFI
- Full UTM features
 - IPS/AV/AS/URL filtering
- IPv6
- Virtual Firewall
- L2TP/IPSEC/MPLS/GRE/SSL VPN
- Medium-sized users (400 to 800)



USG5150 Series

- 4 GE combo (rack-mounted)
- Performance
 - Firewall throughput (large packet): 4G
 - Packet forwarding rate(small packet): 1500 Kpps
 - IPSEC VPN throughput: 2Gbps
- 4 MIC+2 FIC+4DFIC expansion slots
 - FE/GE/Serial/E1/CE1/ADSL2+/G.SHDSL/3G/WIFI
- Full UTM features
 - IPS/AV/AS/URL filtering
- IPv6
- Virtual Firewall
- L2TP/IPSEC/MPLS/GRE/SSL VPN
- Support 1+1 power redundancy
- Medium-sized users (800 to 1000)





Storage

Disk Storage System

Dorado Series

The Dorado series products adopt exclusively solid-state storage as its system architecture as well as the dualcontroller design to provide a compelling user experience. The Dorado series products can meet the requirements of various applications such as large-scale database, high-performance computing, and VDI for highly reliable and high-performance storage.

Dorado5100

- 600,052.49 SPC-1 IOPS
- 500 μ s access latency
- Active-active mode Dual-controller architecture
- Key components are fully redundancy and hot-swappable
- Up to 19.2TB usable capacity for SLC
- Up to 38.4TB usable capacity for eMLC



Dorado2100 G2

- 600,000 IOPS
- 500 μ s access latency
- Active-active mode Dual-controller architecture
- Key components are fully redundancy and hot-swappable
- FC/10GE/IB are available
- Up to 20TB usable capacity for SLC
- Up to 40TB usable capacity for eMLC



Dorado2100

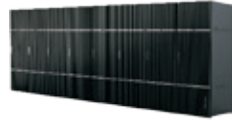
- 100,051.99 SPC-1 IOPS
- 600 μ s access latency
- Active-active mode Dual-controller architecture
- Key components are fully redundancy and hot-swappable
- SLC & eMLC are available



HVS88T

HVS88T is an enterprise storage system applied in pivotal data centres to protect core businesses in numerous systems, such as core systems in banks, ERP systems in the manufacturing industry, carriers' BOSSs and etc.

- Up to 8 engines, 16 controllers
- Maximum 3TB cache
- 3216 hard disks, including high-speed solid state drive (SSD) disks
- 16,000,000 IOPS
- More than 30,000 snapshots
- 1024 Gbps switching matrix
- 4S scaling technology (scale-up, scale-out, scale-deep, scale-in)
- 3D data flowing technology (data flowing vertically, data flowing horizontally, data flowing deeply)



S6800T

A product which focuses on high-end storage markets, for large-database OLTP/OLAP, high-performance computing, digital media, central storage, backup, disaster recovery, and data migration.

- Dual-controller
- Cache capacity: 192GB/384GB
- Extended cache: 4.8TB
- Front-end port: 8 Gbps FC, 1 Gbps iSCSI,
- 10 Gbps iSCSI(TOE), 10Gbps FCoE
- 1440 Disk Drives



T Series Unified Storage System

T series unified storage(Include S2600T,S5500T,S5600T, S5800T) is for mid-range and high-end storage applications. It boasts integration of block & file-level data storage.

- Dual controller
- Cache capacity: 8GB~192GB
- Extended cache : 1.2TB~3.6TB
- Front-end port: 8 Gbps FC, 1 Gbps iSCSI, 10 Gbps iSCSI (TOE), 10Gbps FCoE
- 276~1440 Disk Drives



S2200T

A new storage product designed for enterprise's entry-level storage applications including database OLTP/OLAP, digital media, video surveillance, centralized storage, backup.

- Single-controller/Dual-controller
- Cache capacity: 2 GB per controller
- Front-end port: 8 Gbps FC or 1 Gbps iSCSI
- 108/204 Disk Drives



Network Attached Storage System

N8300

A clustered NAS storage system is a leading unified storage platform meeting the service requirements for high performance, high scalability, effective data management, and unified storage

- 2-6 nodes
- Active-Active Mode
- 2 x 10 GbE ports/node
- Dynamically expandable, up to 7 PB
- File system size: Dynamically expandable, up to 256 TB
- Storage network protocols: FC, iSCSI, FCoE, NFS, CIFS,
- FTP, HTTP



N8500

A clustered NAS storage system leads the high-end system for high performance, high scalability, effective data management, and unified storage.

- 2-24 Nodes
- Active-Active mode
- Up to 16 x 1GbE ports/node
- Up to 6 x 10 GbE ports/node
- Dynamically expandable, up to 15 PB
- File system size: Dynamically expandable, up to 256 TB
- Storage network protocols: FC, iSCSI, FCoE, NFS, CIFS, FTP, HTTP



N2000 NAS Storage

The N2000 NAS system is a reliable, high-capacity, and easy-to-deploy rack storage platform that comes with the latest Windows® Storage Server 2012 OS preinstalled and provides up to 24 TB of local data storage. The N2000 enables SMEs to rapidly deploy a cost-effective, flexible, and converged NAS solution.

- Pre-integrates optimization system, achieves advanced, safe file server basic functions at the power-on and boot
- Supports various protocols, such as NFS, CIFS, FTP, HTTP, and iSCSI; provides data storage, sharing, and protection; supports file and block access and distributed deployment schemes
- Saves 95% storage space by achieving the even deduplication ratio of up to 20:1
- Improves system reliability by supporting hot-swappable system disks at the rear and isolating data disks from system disks



VIS6300/VIS6600

An industry-leading virtual storage product for heterogeneous storage consolidation and hierarchical disaster recovery, provides unified management, data migration.

- Storage virtualization
- Multipath load balancing and failover
- Multi-node cluster, up to 8 nodes
- Heterogeneous volume mirroring
- Data replication

**VTL6900**

With a powerful emulation capability, it can virtualize all mainstream physical tape libraries. Additionally, it provides various value-added functions including data deduplication and remote replication.

- Max Backup performance: 31 TB/hour
- Emulation: 256 tape libraries, 2048 tape drives, 500,000 tapes
- Deduplication: Inline, Post-processing
- Max. Drive: 576
- Max. Host ports: 20 x 8G FC or 8 x 10GE iSCSI

**VTL6000**

A middle and high-end VTL product, that focuses on industrial customers and carriers who have high requirements on performance and reliability.

- Max Backup Performance: 9 TB/hour
- Emulation: 256 tape libraries, 2048 tape drives, 131,070 tapes
- Deduplication: Post-processing
- Max Drive: 192
- Max. Host ports: 4*8Gb FC + 8*1Gb iSCSI (8Gb FC and 10GE expandable)

**HDP3500E**

OceanStor HDP3500E is a backup product consisting of server, media, and backup software. It integrates Symantec NetBackup to deliver safe and reliable data protection.

- 4 x GE Backup ports
- Data Disks: 12x3.5" NL_SAS, System Disks: 2x2.5" SAS
- Dimensions (H x W x D): 86.1 mm x 446 mm x 582 mm
- Comprehensive data protection for Windows, Linux, UNIX platform, and VMware, Hyper-V virtual platform
- Wizard style graphical management and configuration interface



Cloud Storage

CSS

CSS is a cutting-edge distributed systems platform with large capacity, flexible expansion, and intelligent resource allocation and management. It uses for file backup, video surveillance, behavior analysis, and data mining.

- Database: Supports JDBC and ODBC interfaces
- File system: Supports POSIX, NFS, CIFS, FTP protocols
- Allows the failure of up to three nodes
- Full redundancy design ensures 99.999% availability
- Scale-out architecture, performance improves linearly as the capacity growth



UDS Massive Storage

UDS adopt highly available P2P distributed storage engine, and ARM based high density hardware, to provide a unlimited scalability and extreme low TCO massive storage solution. UDS can be used to support a wide variety of use cases, such as Public Cloud Service, Centralized Backup and Active Archiving.

- Amazon S3 interface compliance
- Exabyte level scalability
- Multiple Datacentre supported, 11 nines data durability
- High density design, 2PB+ in 1 Rack
- 60% Lower Power consumption with ARM CPU and consumer disk



Storage Area Network

SNS5120

The SNS5120 meets the core switching needs of the largescale SAN. It offers unprecedented scalability, small footprint, and low TCO.

- =16 to 256 8 Gbit/s ports
- = Fabric, Loop, and P2P
- = < 0.2 μ s at 8 Gbit/s
- = One SNS5120: 816 Gbit/s full-duplex



SNS2120

The SNS2120 meets the enterprise SAN switching needs and helps reduce enterprise SAN costs with the superior switching performance, powerful scalability, and easy-to-manage features.

- 8 to 20 8Gbit/s FC ports
- Fabric, Loop and P2P
- <0.2 μ s Switching latency
- 544 Gbit/s with a non-blocking architecture



Storage Resource Management

InfraControl

Enterprise data centre, IT infrastructure centralized operation and analysis optimization.

- System Manager: Storage, server, switch control, centralized management, resource allocation
- SAN Insight: End to end network storage path analysis, rapid positioning of single points of failure
- System Reporter: Capacity , performance analysis report, positioning performance bottleneck, capacity allocation



Enterprise Networking

Enterprise IT

Enterprise Network
Energy



Enterprise IT

Servers

High Density Server	X6000  2U 2/4 Nodes	XH310 V2  1*E3-1200 v2 4*DIMMs 1*3.5" HDD	XH311 V2  1*E3-1200 v2 4*DIMMs 4*2.5" HDDs	XH320 V2  2*E5-2400 v2 12*DIMMs 4*2.5" HDDs	XH621 V2  2*E5-2600 v2 24*DIMMs 8*2.5" HDDs
	E9000  12U 8/16/32 Nodes	CH121  2*E5-2600 v2 24*DIMMs 2*2.5" HDDs 1*PCle x8 FHHL	CH220  2*E5-2600 v2 24*DIMMs 2*2.5" HDDs 4*PCle x8 FHHL	CH221  2*E5-2600 v2 24*DIMMs 2*2.5" HDDs 2*PCle x16 FHFL	CH222  2*E5-2600 v2 24*DIMMs 15*2.5" HDDs 1*PCle x8 FHHL
	E6000  8U 10 Blades	BH620 V2  2*E5-2400 v2 12*DIMMs 4*2.5" HDDs	CH621 V2  2*E5-2400 v2 12*DIMMs 2*2.5" HDDs 1*PCle x8 FHHL	BH622 V2  2*E5-2600 v2 24*DIMMs 2*2.5" HDDs	BH640 V2  4*E5-4600 v2 24*DIMMs 2*2.5" HDDs
	RH5885 V3  4*E7-4800 v2 48*DIMMs Up to 23*HDDs Up to 7*PCle slots	RH2485 V2  4*E5-4600 v2 48*DIMMs Up to 8*HDDs Up to 8*PCle slots	RH2285H V2  2*E5-2400 v2 12*DIMMs Up to 26*HDDs Up to 6*PCle slots		

RH2485 V2 Server

RH2485 V2 is a 2U rack 4-socket server. It has excellent performance and scalability.

- 2 or 4 Intel® Xeon® E5-4600 quad-core, six-core, or eight-core processors
- 48 RDIMM/LRDIMM slots
- 8*2.5" SAS/SATA/SSD hot swap disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 8 PCIe slots
- 2 onboard GE ports



RH2488 V2 Rack Server

RH2488V2 is a 2U rack server provides good performance and capacity.

- 2 or 4 Intel® Xeon® E7-4800 Quad-core/Six-core/Eight-core processors
- 32 RDIMM/LRDIMM slots
- 6*3.5" SAS/SATA hot swap disks
- RAID0, 1, 10, 5 etc. with 512MB cache and optional BBU
- 5 PCIe slots
- 2 onboard GE ports



RH5885 V2 4-socket Rack Server

RH5885 V2 4-socket rack server is a high-end server which is scalable to 8 sockets. It offers enhanced system reliability thanks to its 35 RAS features. It is the ideal choice for deploying mission-critical applications such as large-scale database, business intelligence analysis, and ERP, etc.

- 2 or 4 Intel® Xeon® E7-8800/4800 six-core, eight-core or ten-core processors
- 64 RDIMM/LRDIMM slots
- 8*2.5" SAS/SATA/SSD hot swap disks + 2*2.5" SATA disks (opt)
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 9 or 11 PCIe slots
- 4 onboard GE ports or 2 onboard 10GE ports



RH5885 V2 8-socket Rack Server

RH5885 V2 8-socket server is cascaded by two 4-socket servers.

- 8 Intel® Xeon® E7-8800 eight-core or ten-core processors
- 128 RDIMM/LRDIMM slots
- 16*2.5" SAS/SATA/SSD hot swap disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 16 PCIe slots
- 8 onboard GE ports or 4 onboard 10GE ports



E6000 Blade Server Chassis

E6000 is an 8U blade server which supports virtualization and features low power consumption, high performance, easy maintenance, and high reliability.

- 10 slots for Huawei's BH series server blades
- 6 slots for Huawei switch modules
- 6 hot swap gold level power modules in N+N or N+M redundancy mode
- 9 hot-swappable fan modules in N+1 redundancy mode
- 2 management modules
- Management features, such as IPMI 2.0, SOL, KVM over IP, and virtual media



E6000H Blade Server Chassis

The E6000H chassis adopts the optimized layout and space design from the E6000 chassis, and uses a high-speed and passive backplane to support 8G FC or 10GE switching, making it an excellent choice for high density and clustered deployment scenarios.

- 10 slots for Huawei's BH series server blades
- 6 slots for Huawei switch modules, providing the backplane switch capacity of 3.25 Tbit/s
- 6 hot swap gold level power modules in N+N or N+M redundancy mode
- 9 hot swap fan modules in N+1 redundancy mode
- 2 management modules
- Management features, such as IPMI 2.0, SOL, KVM over IP, and virtual media



E600(H) BH Series Blades

BH620 V2

- 1 or 2 Intel® Xeon® E5-2400 quad-core, six-core or eight-core processors
- 12 RDIMM/LRDIMM slots
- 4*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 2 onboard GE ports
- 2 PCIe MEZZ slots

BH621 V2

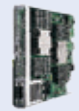
- 1 or 2 Intel® Xeon® E5-2400 quad-core, six-core or eight-core processors
- 12 RDIMM/LRDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1 with 512MB or 1GB cache and optional BBU
- 2 onboard GE ports
- 2 PCIe MEZZ slots

BH622 V2

- 1 or 2 Intel® Xeon® E5-2600 Quad-core / Six-core / Eight-core processors
- 24 RDIMM/LRDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1 with 512MB or 1GB cache and optional BBU
- 2 onboard GE ports
- 2 PCIe MEZZ slots

BH640 V2

- 2 or 4 Intel® Xeon® E5-4600 quad-core/six-core/eight-core processors
- 24 RDIMM/LRDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1
- 2 onboard GE ports
- 2 PCIe MEZZ slots



E9000 Blade Server Chassis

—— Converged Infrastructure System

The E9000 is a new-generation blade server that integrates computing, storage, switching, and management subsystems to form a powerful integrated infrastructure platform.

- 16 half-width slots or 8 full-width slots for Huawei's CH series server blades
- 4 slots for Huawei CX series switch modules to provide a backplane switching capacity of 5.76 Tbit/s
- Up to 6 hot-swappable 3000W AC or 2500W DC PSUs. Supports N+N and N+M redundancy
- Up to 14 hot-swappable fan modules with N+1 redundancy
- Up to 2 CM910 MMs, with blades supporting out-of-band management. Supports IPMI 2.0, CLI, SNMP, and WebUIs on CM910 MMs. Supports out-of-band management, CLI, RMCP+, and WebUIs on blades



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E9000 CH Series Blades

CH121

- 1 or 2 Intel® Xeon® E5-2600 quad-core, six-core or eight-core processors
- 24 RDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1
- 3 PCIe slots

CH220

- 1 or 2 Intel® Xeon® E5-2600 quad-core, six-core or eight-core processors
- 24 RDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1
- 6 PCIe slots

CH221

- 1 or 2 Intel® Xeon® E5-2600 quad-core, six-core or eight-core processors
- 24 RDIMM slots
- 2*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1
- 4 PCIe slots

CH222

- 1 or 2 Intel® Xeon® E5-2600 quad-core, six-core or eight-core processors
- 24 RDIMM slots
- 15*2.5" SAS/SATA/SSD hard disks
- RAID0, 1, 10, 5 etc. with 512MB cache
- 3 PCIe slots

CH240

- 2 or 4 Intel® Xeon® E5-4600 quad-core, six-core or eight-core processors
- 48 RDIMM slots
- 4/8*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1, 10, 5 etc. with 512MB cache
- 3 PCIe slots



X6000 High-density Server

X6000 High-density server is designed to meet requirements for cloud computing, data centres, and Internet applications.

- 4 half-width or 2 full-width node servers in a 2U space
- Excellent energy efficiency control minimizes energy consumption
- Front-maintenance and rear routing ensure identical maintenance modes



XH310 V2

- 1 Intel® Xeon® E3-1200 V2 four-core processors
- 4 UDIMM slots
- 1*3.5" SATA hard disk
- 1 PCIe slot
- 2 onboard GE ports



XH311 V2

- 1 Intel® Xeon® E3-1200 V2 four-core processors
- 4 UDIMM slots
- 4*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 2 PCIe slots
- 2 onboard GE ports



XH320 V2

- 1 or 2 Intel® Xeon® E5-2400 four-core, six-core or eight-core processors
- 12 RDIMM/LRDIMM slots
- 4*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 2 PCIe slots
- 2 onboard GE ports



XH621 V2

- 1 or 2 Intel® Xeon® E5-2600 four-core, six-core or eight-core processors
- 24 RDIMM/LRDIMM slots
- 8*2.5" SAS/SATA/SSD hot swap hard disks
- RAID0, 1, 10, 5 etc. with 512MB or 1GB cache and optional BBU
- 4 PCIe slots
- 2 onboard GE ports



ES3000 High Performance PCIe SSD Card

ES3000 PCIe SSD card addresses the system I/O bottleneck and releases the potential of the servers, featuring high IOPS, low latency, high reliability, and long life cycle.

- Capacity: 800GB/1.2TB/2.4TB, MLC
- Form factor & bus interface: FHHL, PCIe 2.0 x8
- Read performance: Max 600k IOPS@4KB 100% random, 3000MB/s bandwidth, 82us latency
- Write performance: Max 220k IOPS@4KB 100% random, 2800MB/s bandwidth, 13us latency
- Power-down protection
- Embedded ECC engine and RAID5 engine
- TRIM & wear leveling algorithms





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IT Solutions

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IDC Solution

Huawei IDC public cloud solution provides an agile, trusted, and green cloud-based IDC solution, in which computing, storage, and network resources are offered as services.

- e-Government IT hosting solution: Achieve the sharing and interoperability of IT resources and help governments transition to service-oriented government
- Enterprise IT hosting solution: Help enterprises rapidly deploy business, use IT resources on demand
- Operators IDC public cloud solution: Provide innovative IT resource-rental service, expand the pipeline demand and bring new profit growth point
- Cloud park IDC solution: Enterprise Settlement with minimum IT preparation, help park management agencies attract investments



EDC Solution

The Huawei Enterprise Data Centre (EDC) solution performs advanced virtualization and flexible computing, integrates unified operation and management technologies, and optimizes enterprises' IT infrastructure to provide a simple, agile, and intelligent EDC.

- Unified operation, maintenance, and management
- Security and reliability
- Silent upgrade
- Rapid application development and deployment
- Resource sharing and full utilization, which reduces IT costs
- Energy saving
- Openness and cooperation



Micro DC Solution

The Huawei Micro DC is an integrated micro data centre that incorporates power supply/distribution devices, networks, security devices, cloud operating systems, servers, and management software.

- Role-based and whole-network management in headquarter, unattended operation in branches
- Centrally and remotely manage IT system in global branches
- Role-based management for flexible authorization, protection, data backup, automatic, and disaster recovery solutions
- The all in one of multi-service convergent data centre, plug & use
- Rapid service deployment, use after power on
- All in one of ICT and infrastructure



ManageOne DC Management Solution

Huawei ManageOne DC management solution is an intelligent, efficient, integrated, and convenient operation support platform. It consists of two modules: the cloud service operation system and data centre O&M modules.

- Support unified management of 100,000 VMs
- ManageOne enables centralized management of cloud and non-cloud systems, interconnects basic architecture and infrastructure, and supports heterogeneous virtual platforms
- ManageOne enables centralized management of multiple Dcs
- 4 hours to deploy new app
- Support resale model, self-service, flexible service operation and rapid service deployment



Huawei Desktop Cloud Solution

Huawei Desktop Cloud Solution helps customer to build a unified cloud computing platform and evolve their traditional IT infrastructure to a cloud computing architecture. Huawei offers a complete end-to-end desktop cloud solution, including cloud software, data centre and Networking hardware, and terminal devices.

- Security
 - Terminal security
 - Network security
 - Data security
- Efficient
 - Efficient deployment: time saved by 90%
 - Efficient O&M: efficiency improved by 9x
 - Efficient energy-saving: energy saved by 73%
- Flexible
 - Multi-terminal support
 - Flexible access
 - Flexible expansion



Huawei M1(MINI VDI) Solution

Huawei Desktop Cloud M1 (Mini VDI) is a SME-oriented mini end-to-end virtual desktop solutions. M1 uses integrated Huawei desktop cloud platform with Huawei RH2288 server and provides fast deployment virtual desktop.

- Small but high-density
 - single server supports 100 desktop
 - two servers support 200 desktop
- Integration and low cost
 - all-in-one hardware and software integration
 - local storage and cost reduction
- One hour rapid deployment
 - system auto re-installed
 - one-click deployment



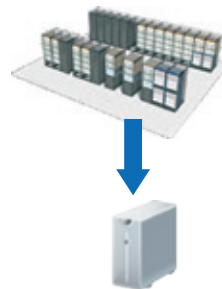
Server Consolidation Solution

The server consolidation solution provides the capability of replacing many physical servers with one larger physical server to increase the utilization of hardware resources. Furthermore, this solution can help to improve agility and reliability of IT system, simplifies IT management and improves business efficiency

- Maximum computing nodes per a cluster: 128
- Maximum VMs per cluster: 5120
- Maximum VMs supported by computing node (X6000): 60
- Maximum of volumes supported by a VM: 11
- System volume capacity: 5 GB–100 GB
- User volume capacity: 1 GB–2 TB
- VM memory capacity: 512 MB–1 TB
- Number of virtual CPUs (vCPUs): 1–32

The solution includes following software and hardware:

- Cloud OS software: Standard / Enterprise / Carrier
- Server: Tecal E6000 / X6000 / RH2285
- Storage: OceanStor S3900 / S6900



Exchange Appliance

Huawei Exchange Appliance is a platform, designed and optimized for Microsoft Exchange2010, supplying enterprise email systems of different business sizes.

- One-stop service, lower TCO
- Access by using various devices such as laptop, phone and pad etc.
- High availability with DAG ensuring 7*24 hours on service
- Internal anti-virus and anti-spam functions
- Uses SSD cards to triple IOPS performance
- Delivers high scalability thanks to its flexible, dynamic, and simple expandability





Enterprise Network Energy

Data Centre Infrastructure

IDS1000-A Series All-in-one Container Data Centre

IDS1000-A All-in-one container data centre is a one-stop infrastructure solution which integrates power, cooling, cabinet, fire-control, cabling, monitoring, grounding and lightning system in one container. It includes two standard products with the different dimension of 40feet and 20feet, and alternative cooling solutions of CW(Chilled Water) and DX(Direct Expansion). It applies to medium and high density server racks, cloud application, small and medium enterprise service and etc.

- Highly integrated, 1 week fast deployment and portable
- High environmental adaptability: $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- High reliability: tier 2 or tier 3 standard optional
- Low TCO: CAPEX saving by 30%, OPEX saving by 60%
- Low PUE: 1.4~1.6
- Power density: up to 7.5kw/rack



IDS1000-C Series Cluster Container Data Centre

IDS1000-C series container data centre solution adopts independent IT racks, power and cooling containers as standard configuration, and control container and 20feet power container are optional to be configured as well. IDS1000-C applies to high power density server racks, private cloud service, medium and large service requirement and etc.

- Highly integrated, fast deployment within 2 weeks
- High environmental adaptability, operation temperature range : $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Flexible expansion, stackable or spliceable installation
- Low TCO, low PUE of 1.2 with free cooling system
- Diversified solutions with different standards of Tier 2, Tier 3 and Tier 4



IDS2000-L Series Medium & Large Modular Data Centre

IDS2000-L Series modular data centre adopts cold or hot aisle containment, efficient UPS and inrow-AC to lower PUE. IDS2000-L applies to new medium or large scale high density data centres or reformation and expansion of traditional data centres.

- Max 42 IT racks for a single module container
- Flexible application to high or low density, scalable up to 11kW/rack power density
- Adoption of in-row level cooling solution frees the room of the raised floor and saving vertical space
- The intelligent management system NetEco optimizes operation
- Modular components and unified-standard interfaces enable flexible expansion based on module-unit



IDS2000-S Series Small Modular Data Centre

IDS2000-S small modular data centre solution is designed as innovative concept of All-in-Room, and features high density modularization, optimal reliability and security, fast deployment, energy savings and excellent monitoring capabilities. IDS2000-S applies to network equipment rooms of small and medium enterprise and etc.

- All-in-Room design, all data centre subsystems are integrated in a single room
- Fast deployment & flexible expansion based on module
- In-row level cooling together with cold or hot aisle containment lower the PUE
- The intelligent management system NetEco reduces the O&M cost with its real-time monitoring and control.
- High density: standard 7or 11kw/rack



IDS2000-M Series Micro Modular Data Centre

IDS2000-M solution is designed as innovative concept of "All-in-Rack", and it appears as a complete micro data centre. The standard configuration is one rack, and the battery rack and network cabling rack are optional. IDS2000-M applies to call-centres of telecom operators, branch or service point of financing companies or enterprises, e-application of government bureaus and etc.

- Integration of cloud-infrastructure within one rack and complying with plug and play requirement
- Load IT equipment up to 4.5kW/rack
- UPS, power distribution, monitor and air conditioner to be rack-mounted
- Providing flexible extension of long-time backup and network infrastructure





UPS

UPS2000-G Series

UPS2000-G is an Energy Star certified on-line double conversion UPS, with the capacity ranges from 1KVA to 20KVA.

Applications: Providing continuous, clean power and long time backup for small datacentres, network rooms, workstations, servers and critical business equipments.

- High output power factor: 0.9
- High AC-AC efficiency: 93.5% ~ 94.5%
- Integrated surge and D level lightning protection design
- Scalable up to 4 units
- Rack and tower convertible
- World's first class of UPSs certificated with Energy Star



Rack / Tower Convertible

UPS5000-P Series

UPS5000-P is a medium capacity UPS utilizing internal output isolation transformer, auxiliary power source redundancy and DSP-based control technologies, with the capacity from 20kVA to 120kVA.

Applications: Providing continuous, stable and clean power for critical equipments in plants, factories, petrochemical processes, mining and industrial scenarios.

- 285V-475V Wide input voltage range
- Output power factor: 0.8
- Built-in isolation transformer
- No derating at altitude 1500m
- Redundancy fans and auxiliary power supplies



UPS5000-E Series

UPS5000-E series uses double conversion, redundant and modular design and patented intelligent control technologies, with the capacity ranges from 40KVA to 200KVA.

Applications: Providing continuous, stable and clean power for critical equipments, high value places, communication network centres and medium, large datacentres.

- 138V-485V wide input voltage range
- High output power factor: up to 1.0
- High AC-AC efficiency: up to 96.5%
- High power density: 40KVA/3U
- Small footprint: 0.5m² for single cabinet
- Redundant controllers and fans design



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UPS8000-D Series

UPS8000-D series is a modern on-line double-conversion UPS utilizing cutting edge PFC-IGBT and built-in output isolation transformer technologies. The capacity ranges from 200KVA to 600KVA.

Applications: Protecting against any power supply faults and environmental disturbances, and ensure clean power for important facilities such as airports, large data centres, server rooms, security systems and critical places.

- 240V-480V wide input voltage range
- High Output Power Factor: 0.9
- Built-in isolation transformer
- Low harmonic pollution: THDi less than 3%
- High AC-AC efficiency: no less than 94%
- Scalable up to 8 units





Telecom Power System

Embedded Telecom Power System

ETP4830 & ETP4890

ETP4830 & ETP4890 power system can be embedded in standard 19-inch rack or cabinet, supplying 30A to 90A power to communication network equipments.

- High efficiency rectifiers: up to 97%
- Height of ETP4830: 1U, height of ETP4890: 2U
- Input voltage: 85~300VAC, rated value to be customized
- Operation temperature range of rectifiers: -40°C ~ +75°C
- Remote management reduces operation expenditure
- Carrier-class reliability



ETP4830



ETP48200

ETP48200 telecom power system can be embedded in standard 19-inch rack or cabinet, supplying up to 200A power to communication network equipments.

- High efficiency rectifiers: up to 97%
- Height of ETP48200: 6U
- Input voltage: 85~300VAC, rated value to be customized
- Operation temperature range of rectifiers: -40°C ~ +75°C
- Remote management reduces operation expenditure
- Carrier-class reliability



Wall-Mounted Power: Indoor

TP4860H

TP4860H is an indoor wall-mounted AC/DC power system, which uninterrupted 48DC and 220AC simultaneously with inverter. The integrated design eases smooth expansion.

- High efficiency rectifiers: up to 97%
- Installation mode: wall-mounted / land-mounted
- VRLA or lithium battery adapted; excellent battery management prolongs battery lifespan
- 15A/30A rectifiers compatible, output capability up to 60A
- Remote management reduces operation expenditure



Wall-Mounted Power: Indoor

TP4860C

TP4860C is an outdoor wall-mounted power system, which outputs 48V DC, or 220V AC together with a optional inverter. Its rated output current up to 60A.

- High efficiency rectifiers: up to 97%
- Installation mode: wall-mounted/pole-mounted/land-mounted
- VRLA or lithium battery adapted; excellent battery management prolongs battery lifespan
- High protection level: IP 55
- Class C SPD design improves system reliability
- Operation temperature range: -40°C ~ 55°C (with heater)



Indoor Power System

TP48200B

TP48200B is an AC/DC indoor power system whose rated output current 200A. Its high power density results in excellent housing performance in one cabinet.

- High efficiency rectifiers: up to 97%
- Input voltage: 85~300VAC
- Large space for user equipment, with battery inside, saving shelter footprint
- MBTF of rectifiers: ≥500,000hrs
- Intelligent battery management prolongs battery lifetime Remote management reduces operation expenditure



TP48300B & TP48600B

TP48300B(TP48600B) is an AC/DC power system whose rated output current is 300A(600A). It has excellent performance of intelligent battery management and high power efficiency.

- High efficiency rectifiers: up to 97%
- Input voltage: 85~300VAC
- Intelligent dormancy technology improves system efficiency
- Intelligent battery management prolongs battery lifetime
- Remote management reduces operation expenditure



TP48300B TP48600B

Large Capacity Power System

TP482000B

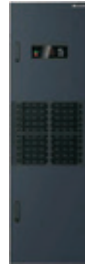
TP482000B is all-digital large capacity telecom power system. The power system is scalable up to 2000A in a single cabinet configured in 1U high efficiency 50A/100A rectifier module, and it is scalable to 10000A with multiple cabinets configured together.

- High efficiency rectifiers: up to 97%
- High power density: 42.7w/inch³
- Intelligent battery management prolongs battery lifetime
- Remote management reduces operation expenditure
- High reliability: MTBF>500,000 hrs

TP48200A

TP483000D is an all-digital large capacity telecom power system. The output of rectifier cabinets is scalable to 3000A within a single cabinet and to 24000A .with multiple cabinets configured together.

- High efficiency rectifiers: up to 97%
- High power density: 3000A output/cabinet , saving shelter space and footprint
- Intelligent battery management prolongs battery lifetime
- Remote management reduces operation expenditure
- High reliability: MTBF>500,000 hrs



Outdoor Power System

TP48200A

TP48200A is an AC/DC outdoor power system that configures 48V/50A rectifier modules with the rated output of 200A. TP48200A applies to outdoor Macro BTS, DBS, Transmission sites and etc.

- Various temperature control methods apply to all kinds of environments and scenarios
- High efficiency rectifiers: up to 97%
- High protection level: IP 55
- Input voltage: 85~300VAC, rated value to be customized
- Operation temperature range: -40 ~55 (with heater)
- User space in the cabinet: 8U
- Maximum 2 groups 150Ah battery inside cabinet



97% High Efficiency Rectifiers

R4815G

- Module: 15A
- Dimension: 40.8mm(H)×95.5mm(W)×208mm(D)
- Input voltage: 85~300VAC single phase
- Output voltage: 42~58VDC Default value: 53.5VDC
- Output power: 870W(176~300VAC)



R4830G

- Module: 30A
- Dimension: 40.8mm(H)×95.5mm(W)×208mm(D)
- Input voltage: 85~300VAC single phase
- Output voltage: 42~58VDC Default value: 53.5VDC
- Output power: 1600W(176~300VAC)



R4850G

- Module: 50A
- Dimension:
 - 40.8mm(H)×105mm(W)×281mm(D)(R4850G2)
 - 88.9mm(H)×103mm(W)×243mm(D)(R4850G1)
- Input voltage: 85~300VAC single phase
- Output voltage: 42~58VDC Default value: 53.5VDC
- Output power: 3000W(176~300VAC)



R4850G1



R4850G2

R48100G

- Module: 100A
- Dimension: 43mm(H) × 238mm(W) × 378mm(D)
- Input voltage: 260~530VAC three phases
- Output voltage: 42~58VDC Default value: 53.5VDC
- Output power: 6000W(304~530VAC)





Enterprise Network Energy

Hybrid Power

PowerCube1000-D: Diesel Hybrid

PowerCube1000-D is an outdoor telecom class power supply system for unstable grid and off grid areas. It provides 48VDC output power and is scalable to load up 3000W. The system adopts diesel as main energy recourse.

- Saving 40~60% of fuel consumption and 90% of D.G. maintenance cost
- Small footprint, saving deployment time and manpower
- Smooth evolution, opening to mains and solar resources
- Anti-theft design prevents stealing of fuel
- Operating temperature range: -5°C ~ 50°C



PowerCube1000-S: Solar Hybrid

PowerCube1000-S is an outdoor telecom class power supply system for unstable grid and off grid areas. It adopts solar resource as the main energy input and outputs 48VDC power. PowerCube1000-S is scalable up to load up 3000W.

- High conversion efficiency 98.5 %
- Reducing PV panel by 30%
- Reducing carbon emission, even to "0"
- Easy and quick deployment
- Anti-theft design protects investments
- Operating temperature range: -20°C ~ 50°C



PowerCube1000-G: Grid Hybrid

PowerCube1000-G is an outdoor telecom class power supply system for poor grid or unstable grid areas. The system makes most of grid and reduces the emission of carbon. It provides 48VDC output power.

- Maximal usage of grid, '0' D.G. running
- '0' fuel & D.G. maintenance
- ROI < 2 Years @ 1500W load, 0 hours /day grid down
- Special energy storage strings enable faster charge and shorten charging time more than half
- Easy and quick deployment
- Small footprint



PowerCube 500: Solar Power Solution for Video Surveillance and WLAN

PowerCube 500 solar power solution provides clean and sustainable power supply for video surveillance equipments and WLAN network, ensures high quality network service. The output power of PowerCube 500 is 12/24V/48V. It mainly use for the scenarios like Grid network, Forest, Highway, Oil pipe lines, Hotel, Restaurant, Shopping Centre, Square.

- High efficiency panel
- High level wind-resistant
- Integrated single system
- Long lifetime energy storage unit



PowerCube500
for Video Surveillance



PowerCube500
for WLAN



Enterprise Network Energy

Compact Outdoor Site Cabinet

Compact Outdoor Site Cabinet: Mini-shelter

Huawei's compact outdoor site cabinet--Mini-shelter leads in modular design, consisting of equipment and battery cabinet, which can easily be applied to different scenarios. Every cabinet independently adopts heat exchanger, intelligent heat exchanger or thermal electric cooler (TEC). Mini-shelter can house BTS, transmission equipments, rectifier systems, monitor, battery strings, and etc.

- All-in-One design, footprint <1m² /cabinet, easy site acquisition
- Precise cooling and low power consumption technology ensure excellent temperature control,
- the power consumption is reduced by 50% to 80%
- Modular design results in fast deployment: 4 mans * 2 hours
- Carrier-class design, ensures quality and lifespan, protects customer's investment
- House multiple equipments: transmission equipments, rectifier systems, monitor, battery strings, etc.



1.5M

2.1M

2.4M

Combination Cabinet



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