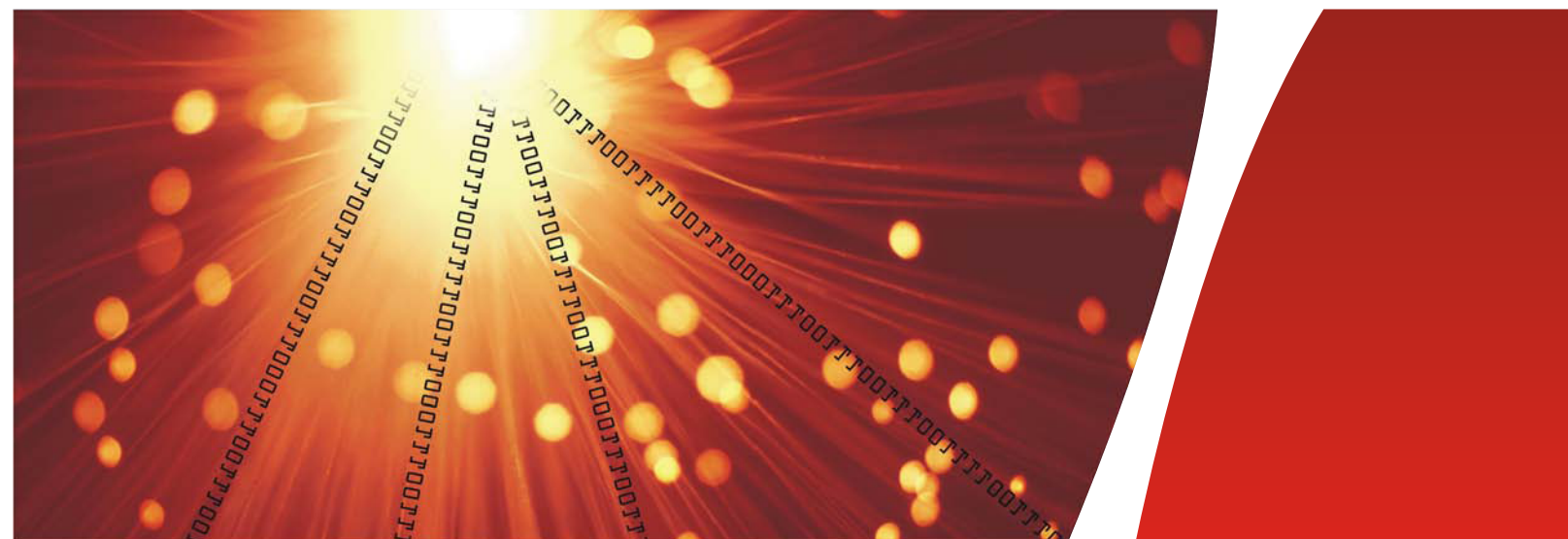






Enterprise Product Portfolio



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HUAWEI TECHNOLOGIES CO.,LTD.
Huawei Industrial Base
Bantian Longgang
Shenzhen 518129,P.R.China
Tel: +86 755 28780808

www.huawei.com

HUAWEI TECHNOLOGIES CO., LTD.





Contents

Enterprise Network

Switch.....	01
Router.....	03
Security.....	04
Wireless LAN.....	06
Network Management.....	06
DWDM Transmission.....	07
Multiservice Transport Platform.....	08
Microwave.....	09
Access.....	10

Enterprise UC&C

Unified Communication.....	11
Enterprise Gateway.....	11
eConference.....	11
Integrated Access Device.....	12
IP Phone.....	13
IP Call Center.....	14
TelePresence.....	15
Videoconference.....	16

Enterprise IT

Server.....	18
Storage.....	19

Quidway S1700

Quidway S1700 switches (S1700 for short) are next-generation energy-saving Ethernet switches developed by Huawei. The S1700 supports simple and convenient installation and maintenance, provides abundant services and features, and helps customers to construct secure, reliable, and high-performance networks. The S1700 can be widely applied in such scenarios as small enterprises, Internet bars, hotels, and schools.



- New Energy-Saving Design for Low Carbon Communication
- Flexible Selection of Port Line Speeds
- Considerate Maintenance-Free Design
- Outstanding Security Performance
- Powerful Link Expansion and Backup

Quidway S3700

The Quidway® S3700 enterprise switches (S3700 for short) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to provide high-performance access and aggregation to an enterprise campus network. It is easy to install and maintain. With its flexible VLAN deployment, PoE capabilities, comprehensive routing functions, and capability to migrate to an IPv6 network, the S3700 helps enterprise customers build a next generation IT network. In addition, the S3700 uses advanced reliability technologies such as stacking, VRRP, and RRPP, enhancing network robustness.



- Powerful support for services
- PoE function
- Comprehensive QoS policies and security mechanisms
- Various routing and IPv6 features
- High scalability and excellent reliability
- Considerate maintenance-free design and manageability
- Unique fan-free and energy-saving design

Quidway S2700

The Quidway S2700 enterprise switches (S2700 for short) are next-generation energy-saving 100M Ethernet intelligent switches. The S2700 utilizes cutting-edge switching technologies and Huawei Versatile Routing Platform (VRP) software to meet the demand for multi-service provisioning and access on Ethernet networks. It is easy to install and maintain and is for use in various enterprise network scenarios. With its flexible VLAN deployment, comprehensive security and QoS policies, and energy-saving technologies, the S2700 helps enterprise customers build a next generation IT network.

- Maintenance free, easy deployment, and easy management
- Flexible service control
- Excellent security features
- PoE function
- Comprehensive QoS policies
- Powerful surge protection capability
- No noise, energy conservation, and low radiation



Quidway S5700

The Quidway® S5700 series gigabit enterprise switches (S5700 for short) are next-generation energy-saving switches developed by Huawei to meet the demand for high-bandwidth access and Ethernet multi-service aggregation. The S5700 is for use in various enterprise network scenarios. For example, it can function as an access or aggregation switch on a campus network, a gigabit access switch in an Internet data center (IDC)

- Powerful support for services
- Comprehensive reliability mechanisms
- Well-designed QoS policies and security mechanisms
- Easy deployment and maintenance free
- PoE function
- High scalability
- Various IPv6 features



Quidway S6700

The Quidway S6700 series switches (S6700 for short) are next-generation 10G case-shaped switches. The S6700 has an industry-leading performance and provides up to 24 or 48 line-speed 10GE ports. It can be used in a data center to provide 10 Gbit/s access to servers or function as a core switch on a campus network to provide 10 Gbit/s traffic aggregation. In addition, the S6700 provides rich services, comprehensive security policies, and various QoS features to help customers build scalable, manageable, reliable, and secure data centers.

- Large-capacity, high-density 10 Gbit/s access
- Comprehensive security policies
- Well-designed reliability mechanisms
- Various QoS control mechanisms
- High scalability
- Convenient management
- Various IPv6 features



Quidway S9300

Quidway S9300 switches (S9300 for short) are next-generation high-end terabit routing switches developed by Huawei designed for multiservice convergence. The S9300 is designed based on Huawei's intelligent multilayer switching technology to provide high-definition video services, large-capacity wireless networks, elastic cloud computing, IPv6-capable hardware, and integrated security in addition to stable, reliable, and secure high performance L2/L3 switching services. The S9300 is a highly extensible and reliable platform integrating switching and routing functions to facilitate end-to-end integrated networks, and is widely used in WANs, MANs, campus networks, and data centers to help enterprises build application-oriented networks. .

- Advanced Switching Architecture to Improve Network Expansibility
- Carrier-Level High Availability Design to Ensure Service Consistency
- Full-Service Ethernet Switching Platform
- Excellent Security Design
- Wireless and Passive Integrated Access
- Innovative Energy Saving Design



Quidway S7700

The Quidway S7700 series switches (S7700 for short) are high-end smarter routing switches designed for next-generation enterprise networks. The S7700 is designed based on the intelligent multi-layer switching technology of Huawei to provide intelligent service optimization methods such as MPLS VPN, traffic analysis, comprehensive QoS policies, controllable multicast, load balancing, integrated security guarantee in addition to stable, reliable, secure, and high performance Layer 2 to Layer 4 switching services. In addition, it features superb scalability and reliability. The S7700 can function as core or aggregation nodes on campus networks or data centers to provide integrated wireless access, voice, video, and data services, helping enterprises build an integrated end-to-end network.

- Powerful service processing capabilities, facilitating network expansion
- Carrier-class reliability and visual fault diagnosis
- Well-designed QoS mechanism, improving the voice and video user experience
- High performance in IPv6 service processing, realizing smooth transition from IPv4 to IPv6
- Comprehensive security mechanisms, defending enterprises against internal and external security threats
- Wireless AC boards, meeting requirements for mobile office
- Innovative energy-saving chips, allowing intelligent power consumption control



NetEngine 40E-X16

The Quidway® NetEngine40E-X16 is a high-end core router used in IP backbone, IP metro area and other large-scale IP networks.



- Fifth-Generation Distributed Router
- 2.56Tbps switching capacity and 1600Mpps forwarding throughput
- 22 slots in which 16 for LPUs
- Wide range of interface supported: E1/T1,E3/T3, FE/GE, 10GE, STM-1/4/64 POS, 2.5/10GE RPR
- IP/MPLS distributed forwarding with line-rate on all interfaces
- MPLS, MPLS VPN, Multicast, IPv4/IPv6
- Built-in video caching function to enhance the IPTV/video service
- Hierarchical QoS scheduling on both access and network sides
- Comprehensive reliability: VPN/VLL FRR, Ethernet OAM, PW redundancy, E-APS,BFD, NSR,GR/NSF,ISSU

NetEngine 40E-X3

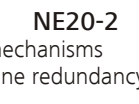
The Quidway® NetEngine40E-X3 is a high-end core router used in IP backbone, IP metro area and other large-scale IP networks.



- Fifth-Generation Distributed Router
- 1.08Tbps switching capacity and 300Mpps forwarding throughput
- 5 slots in which 3 for LPUs
- Wide range of interface supported: E1/T1,E3/T3, FE/GE, 10GE, STM-1/4/64 POS, 2.5/10GE RPR
- IP/MPLS distributed forwarding with line-rate on all interfaces
- MPLS, MPLS VPN, Multicast, IPv4/IPv6
- Built-in video caching function to enhance the IPTV/video service
- Hierarchical QoS scheduling on both access and network sides
- Comprehensive reliability: VPN/VLL FRR, Ethernet OAM, PW redundancy, E-APS,BFD, NSR,GR/NSF,ISSU

NetEngine 20E/20 Series Router

The Quidway® NetEngine 20E/20 series multi-service router is Huawei's 5th generation routers and adopts centralized forwarding design. The NE20E/20 router can be deployed at the edge of carriers' IP networks, or at the core and the convergence layers of various business and enterprise networks.



- 4 models: NE20E-8, NE20-8,NE20-4 and NE20-2
- Throughput: 6Mpps (NE20E) and 4.5Mpps (NE20)
- MPLS, MPLS VPN, VPLS, L2 VPN, IPSec, L2TP, GRE, NAT
- IGMP v1/v2/v3, PIM-DM/SM/SSM, MSDP,MBGP
- Comprehensive QoS policies and security mechanisms
- High reliable design and protocol: PSU/engine redundancy, FRR, BFD, GR/NSF
- Rich interfaces: 155Mbps POS/CPOS, GE,FE, 155Mbps ATM, Channelized E1/T1, E3/T3

NetEngine 40E-X8

The Quidway® NetEngine40E-X8 is a high-end core router used in IP backbone, IP metro area and other large-scale IP networks.



- Fifth-Generation Distributed Router
- 1.44Tbps switching capacity and 800Mpps forwarding throughput
- 11 slots in which 8 for LPUs
- Wide range of interface supported: E1/T1,E3/T3, FE/GE, 10GE, STM-1/4/64 POS, 2.5/10GE RPR
- IP/MPLS distributed forwarding with line-rate on all interfaces
- MPLS, MPLS VPN, Multicast, IPv4/IPv6
- Built-in video caching function to enhance the IPTV/video service
- Hierarchical QoS scheduling on both access and network sides
- Comprehensive reliability: VPN/VLL FRR, Ethernet OAM, PW redundancy, E-APS,BFD, NSR,GR/NSF,ISSU

NE 40E-X2/X1

The NE40E-X2/X1 are high-end service routers to provide Ethernet service access in metro area.



- 40Gbps port capacity on X2 and 20Gbps on X1
- 8 FIC slots on X2 and 4 on X1
- Interface supported: E1,Channelized STM-1, FE, GE, 10GE
- L2 VPN, MPLS L3 VPN, Multicast, IPv4/IPv6
- 5-level hierarchical QoS scheduling with small granularity
- Comprehensive reliability: VPN/VLL FRR, Ethernet OAM, PW3 protection, BFD, NSR,GR/NSF
- 220mm depth chassis to fit outdoor cabinet

AR3200 Enterprise Router

AR 3200 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.



- 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
- Complete security protection to network including access control, firewall, authentication and VPN
- Flexible 3G access
- 3.5Mpps forwarding throughput
- Fixed WAN port: 3 GE (2 Combo)
- Expansion slot: 4 SIC, 2 WSIC and 4 XSIC
- Interfaces supported: 10/100/1000M L2/L3 Ethernet, Channelized E1/T1/PRI, FXS/FXO

AR2200 Enterprise Router

AR 2200 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.



- 2 models: AR 2220, AR 2240
- 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
- Complete security protection to network including access control, firewall, authentication and VPN
- Flexible 3G access
- Forwarding capacity: 1Mpps /AR2220, 3.5Mpps /AR 2240
- Fixed WAN port: 3 GE (2 Combo)/AR 2220, 3 GE (2 Combo) /AR 2240
- Expansion slot: 4 SIC+2 WSIC/AR2220, 4 SIC+2 WSIC+2 XSIC/AR 2240
- Interfaces supported: 10/100/1000M L2/L3 Ethernet, Channelized E1/T1/PRI, FXS/FXO

AR1220 Enterprise Router

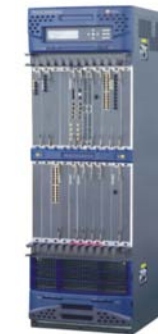
AR 1220 series enterprise router are next-generation enterprise-class routers based on Huawei Versatile Routing Platform (VRP) which integrates routing, switching, 3G, voice and security functions together to meet customer's service requirement in the future.



- 4 models: AR1220, AR1220V,AR1220W,AR1220VW
- Multi-core CPU, distributed service processing and non-blocking switching structure
- AR1220V and AR1220VW provide various voice functions by built-in PBX,SIP server and SIP access gateway
- Complete security protection to network including access control, firewall, authentication and VPN
- Flexible 3G access
- PoE on AR1220V,AR1220W and AR1220VW
- IEEE 802.11 b/g/n on AR1220W and AR1220VW
- 350Kpps Forwarding capacity
- Fixed WAN port: 8 FE and 2 GE. Expansion slot: 2 SIC
- Interfaces supported: 10/100/1000M L2/L3 Ethernet, Channelized E1/T1/PRI, FXS/FXO

Eudemon 8160E

Eudemon 8160E is Huawei's 10G Intrusion Prevention firewall. It delivers industry-leading service processing capability and service expansion capability with innovative NP+multi-core+distributed architecture.



- Dual NP interface module ensures the line-speed traffic forwarding
- Multi-Core/Multi-Thread architecture ensures high speed concurrent processing of NAT, ASPF/Anti-DDoS/VPN services
- 16 extension slots
- 160Gbps throughput
- 64 millions concurrent connections
- 4 millions new established connections per second
- 1024 virtual firewalls
- 96Gbps encryption/decryption processing and 320K VPN tunnels
- High reliability mechanisms such as component redundancy and hot swap, dual MPU/SPU load balancing and backup, BYPASS device.
- Firewall: ASPF/anti-DDoS/NAT/PAT/virtual FW/GTP
- VPN: IPSec/GRE/L2TP/IKEv2
- Routing: RIP/OSPF/BGP/static routing/IGMP/source address routing
- IPS: traffic reassembly/signature-based IPS/protocol anomaly detection/protocol identification/user-defined IPS signature/automatic upgrade

Eudemon 8080E

Eudemon 8080E is Huawei's 10G Intrusion Prevention firewall. It delivers industry-leading service processing capability and service expansion capability with innovative NP+multi-core+distributed architecture.



- Dual NP interface module ensures the line-speed traffic forwarding
- Multi-Core/Multi-Thread architecture ensures high speed concurrent processing of NAT, ASPF/Anti-DDoS/VPN services
- 8 extension slots
- 80Gbps throughput
- 32 millions concurrent connections
- 2 millions new established connections per second
- 1024 virtual firewalls
- 48Gbps encryption/decryption processing and 320K VPN tunnels
- High reliability mechanisms such as component redundancy and hot swap, dual MPU/SPU load balancing and backup, BYPASS device.
- Firewall: ASPF/anti-DDoS/NAT/PAT/virtual FW/GTP
- VPN: IPSec/GRE/L2TP/IKEv2
- Routing: RIP/OSPF/BGP/static routing/IGMP/source address routing
- IPS: traffic reassembly/signature-based IPS/protocol anomaly detection/protocol identification/user-defined IPS signature/automatic upgrade

Eudemon 1000E-X Series Firewall

Eudemon 1000E-X series is a new-generation multi-function firewall. Delivering comprehensive advanced security functions such as Firewall, NAT, VPN, IM Control, P2P Control, IPS, anti-virus, URL filtering and Anti-Spam, it provides all-around security protection to safeguard the efficient running of network systems.

- Advanced multi-core hardware architecture and multi-thread concurrent processing
- Accurate P2P control at Kbps flow granularity with upgradable protocol library
- Built-in Symantec's advanced IPS detection engine
- 3 models: Eudemon 1000E-X3/X5/X6 with different performance and capacity
- Connection establishment: up to 200K per second
- Concurrent connection: up to 400M
- IPSec VPN tunnel: 15K
- Virtual firewall: 100KBPS
- Firewall throughput: 6/10/15Gbps for Eudemon 1000E-X3/X5/X6 respectively
- Both AC and DC power supply
- Eudemon 1000E-X3/X5
 - 4GE(electric) + 4GE Combo
 - 2 FIC expansion slots
- Eudemon 1000E-X6
 - 4GE(electric) + 8GE(optical) + 4GE Combo
 - 2 MIC and 6 FIC expansion slots



Eudemon 1000E-X6



Eudemon 1000E-X5



Eudemon 1000E-X3

Eudemon 200E-X Series Unified Security Gateway

Eudemon 200E-X provides a variety of professional security features including stateful firewall, VPN, NAT, authentication, access control, anti-virus, anti-spam, URL filtering, IPS, application security and other security features. Together with wide range of LAN, WAN, WLAN and WWAN interfaces, it makes Eudemon 200E-X the best choice of unified security gateway to enterprise customer.

- Advanced multi-core hardware architecture and multi-thread concurrent processing
- Integration of routing, switching, wireless, voice and security into one box.
- Comprehensive UTM functions: IPS, anti-virus, anti-spam, URL filtering and P2P control
- Diversified VPN technologies including IPSec, SSL VPN, L2TP, GRE and MPLS VPN
- Flexible interface support: FE, GE, E1/CE1, SA, ADSL2+, G. SHDSL, WIFI, 3G
- 3G support through USB data card
- Eudemon 200E-X1/X1W
 - 2x10/100Base-T WAN, 8x10/100Base-T LAN
- Eudemon 200E-X1AGW
 - 1x10/100Base-T WAN, 8x10/100Base-T LAN
- Eudemon 200E-X2/X2W
 - 1x10/100Base-T WAN, 8x10/100Base-T LAN
 - 1 MIC expansion slot
- Eudemon 200E-X3/X5
 - 2 GE combo
 - 4 MIC + 2 FIC expansion slots
- Eudemon 200E-X6
 - 2 GE + 2 GE combo
 - 4 MIC + 2 FIC + 2 DFIC expansion slots
- Eudemon 200E-X7
 - 4 GE combo
 - 4 MIC + 2 FIC + 4 DFIC expansion slots



Eudemon 200E-X7



Eudemon 200E-X6

Eudemon 200E-X3
Eudemon 200E-X5

Eudemon 200E-X2/X2W



Eudemon 200E-X1/X1W/X1AGW

iManager U2000

The U2000 is an integrated management platform for all the network equipment provided by Huawei.

- Manage all the transport, access, and IP equipment
- Maximum of 20,000 equivalent NEs and 100 clients
- Perform E2E cross-domain service deployment and cross-domain fault location
- E2E scheduling capability for full services such as the IP service, WDM service, MSTP service, microwave service, and Access service.
- Variety of NBIs, including SNMP, CORBA, XML, and ASCII NBIs.

WS6603 Industry's Largest-capacity Box-shaped AC

- Line rate forwarding through the CAPWAP tunnel
- 50 ms roaming switchover without service interruption
- Up to 1024 APs to be managed (512 in tunnel mode)
- Two 10GE optical ports, 8 GE optical ports, and 16 GE electrical ports
- Fine-grained QoS, Layer 2/Layer 3 functions, black list/white list management
- N+1 backup, 1+1 hot backup (50ms switchover)
- LACP/MSTP protection for uplinks (50ms switchover)
- Two power ports for redundancy protection
- Hot-swappable fans and power modules



Huawei iTec Operation and Maintenance Solution

iTec is a next-generation enterprise network management system based on advanced Web 2.0 architecture and uses the browser/server model that complies with international standards.

- Manage switches, routers, ARs, WLAN devices, and firewalls from both Huawei and 3rd party vendors.
- Support management of other enterprise resource like servers and printers
- Can be integrated with enterprise desktop security and other systems to provide a unified management portal.
- Provide APIs that allow enterprises to build their own operation and maintenance systems.

WLAN WA6x3 11n Series APs

WA6x3 series access points (APs) are IEEE 802.11n-compliant fit APs. It features simple network deployment, automatic AC discovery/configuration, and real-time management and maintenance.

- Support WEP, WPA/WPA2, WAPI, and 802.1x authentication and encryption.
- Select transmission rates, channels, and transmit power automatically to adapt to the radio environment.
- Discover ACs and load configurations from ACs automatically after startup. The APs are plug-and-play.
- Support QoS, implementing priority queuing based on service types.
- Allow for in-service roaming area switchover.
- WA603DN supports 802.11a/b/g/n
- WA603SN/633SN support 802.11b/g/n



WA603DN



WA603SN



WA633SN

OSN 8800 T64/T32

The OptiX OSN 8800 Intelligent Optical Transport Platform is Huawei's next generation intelligent optical transport platform. It achieves dynamic optical layer grooming and flexible electrical layer grooming. It is mainly applicable to the backbone core, metro core and metro convergence layers.



- Unique 64 slots (T64) per subrack supports massive services access, switch and transport
- Up to 3T/6T ODUk(K=0,1,2,3) & 1.28T VCx electrical switching
- 9x3.2T (80*40G) ROADM switch supports optical wavelength dynamic transport.
- O&E hybrid switch facilitates the end-to-end free connection with services pass-through, adding and dropping.
- 100M~100G services can be mapped into ODUk (k=0,1,2,3) & VCx.
- Sharing 40G&100G channel by different ODUk (k=0,1,2,3) granules, 100% bandwidth utilization.
- 1500km transport without regeneration by 80*40Gbit/s, and 2000km transport without regeneratoion by 100G.

OSN 1800

OSN 1800 series are compact WDM/OTN devices. They innovatively expand the ITU-T G.709 OTN recommendation to cover all the service from 2M to 10G.



- 40 λ DWDM, 8 λ CWDM
- Full service from 2M to 10G in single backhaul
- Service interfaces include E1, STM-1/4/16/64, OC-3/12/48/192, FE, GE, FC, GPON, EPON
- 8 protected channels or 60G capacity (10G-chx6) for a single 2U device
- CWDM and DWDM sharing same cards, just change the SFP/XFP
- 1+1 AC/DC power supply

OSN 8800 T16 & OSN 6800

OSN 8800 T16 and OSN6800 are Huawei metro OTN/ASON-based intelligent multiservice WDM platforms which designed for network operator who requires a flexible, cost-effective system that will multiplex, transport and switch high-speed data, storage, video, and voice applications.



- 2.5G, 5G, 10G, 40G, 100G line speed
- 5000km at 10G, 1500km at 40G without regeneration
- ODU 0/1/2/ electrical switching, L2 switching on VLAN, Stack VLAN
- 80 λ DWDM /16 λ CWDM
- 16M-2.5Gbps service can be mapped into ODUk & VCx
- Service interfaces include FE/GE/10GE(LAN/WAN), ESCON/FICON/Fiber Channel/PDH/FDDI/Video

OptiX BWS 1600G

The OptiX BWS 1600G DWDM system is a large-capacity multi-service and multi-reach transmission DWDM system. It can be applied to national backbone and inter-city transmission networks. Employing the modular design, the OptiX BWS 1600G can be easily upgraded from 40 wavelengths to 80, 120 and up to 160 wavelengths.



- Large Capacity and modular design, easily upgrade to 160 wavelengths
- 40G smooth evolution supported
- 160x10G (over C band)/ 80x40G transmission system
- ULH and LHP transmission technologies for backbone transmission. 10G over 5000km without regeneration, 40G over 1500km without regeneration.
- Flexible wavelength scheduling in 2-9 dimensions
- All-service, multi-rate, and multi-protocol access capability, and diverse service convergence modes

OptiX OSN 7500

OSN 7500 is a next generation STM-64 SDH product based on a unified platform which can support SDH/PDH, Ethernet, ATM/IMA, Microwave, built-in WDM and SAN services.



- Cross-connect: 360G high-order & 80G low-order
- Electrical interface: 10/100Base-TX, 1000Base-T, E1/T1, E3/T3, E4, STM-1(e), V.35/V.24/X.21
- Optical interface: 100Base-FX, 1000Base-SX/LX/ZX, STM-1/4/16/64, FC/ESCON/DVB-ASI
- Microwave interface: 4xE1 ~ STM-1
- Ethernet: GFP/VCAT/LCAS, L2 switch, MPLS and Stackable VLAN for L2 VPN
- RPR: Spatial reuse, Steering/Wrapping/Steering + Wrapping protection

OptiX OSN 3500 II

OSN 3500II is a next generation STM-64/16 SDH product based on a unified platform which can support SDH/PDH, Ethernet, ATM/IMA, Microwave, built-in WDM and SAN services.



- Cross-connect: 110G high-order & 20G low-order
- Electrical interface: 10/100Base-TX, 1000Base-T, E1/T1, E3/T3, E4, STM-1(e), V.35/V.24/X.21
- Optical interface: 100Base-FX, 1000Base-SX/LX/ZX, STM-1/4/16/64, FC/ESCON/DVB-ASI
- Microwave interface: 4xE1 ~ STM-1
- Ethernet: GFP/VCAT/LCAS, L2 switch, MPLS and Stackable VLAN for L2 VPN
- RPR: Spatial reuse, Steering/Wrapping/Steering + Wrapping protection

OptiX OSN 1500A/1500B

OSN 1500A/1500B are STM-16/4 compact SDH product designed for metro access which can support SDH/PDH, Ethernet, ATM/IMA, Microwave, built-in WDM and SAN services. designed for Metro access.



- Cross-connect: 20G high-order & low-order
- Electrical interface: 10/100Base-TX, 1000Base-T, E1/T1, E3/T3, E4, STM-1(e), V.35/V.24/X.21
- Optical interface: 100Base-FX, 1000Base-SX/LX/ZX, STM-1/4/16/64, FC/ESCON/DVB-ASI
- Microwave interface: 4xE1 ~ STM-1
- Ethernet: GFP/VCAT/LCAS, L2 switch, MPLS and Stackable VLAN for L2 VPN
- RPR: Spatial reuse, Steering/Wrapping/Steering + Wrapping protection

OptiX OSN 3500

OSN 3500 is a next generation STM-64/16 SDH product based on a unified platform which can support SDH/PDH, Ethernet, ATM/IMA, Microwave, built-in WDM and SAN services.



- Cross-connect: 200G high-order & 40G/120G low-order
- Electrical interface: 10/100Base-TX, 1000Base-T, E1/T1, E3/T3, E4, STM-1(e), V.35/V.24/X.21
- Optical interface: 100Base-FX, 1000Base-SX/LX/ZX, STM-1/4/16/64, FC/ESCON/DVB-ASI
- Microwave interface: 4xE1 ~ STM-1
- Ethernet: GFP/VCAT/LCAS, L2 switch, MPLS and Stackable VLAN for L2 VPN
- RPR: Spatial reuse, Steering/Wrapping/Steering + Wrapping protection

OptiX OSN 2500

OSN 2500 is a next generation STM-16/4 SDH product based on a unified platform which can support SDH/PDH, Ethernet, ATM/IMA, Microwave, built-in WDM and SAN services.



- Cross-connect: 20G high-order & low-order
- Electrical interface: 10/100Base-TX, 1000Base-T, E1/T1, E3/T3, E4, STM-1(e), V.35/V.24/X.21
- Optical interface: 100Base-FX, 1000Base-SX/LX/ZX, STM-1/4/16/64, FC/ESCON/DVB-ASI
- Microwave interface: 4xE1 ~ STM-1
- Ethernet: GFP/VCAT/LCAS, L2 switch, MPLS and Stackable VLAN for L2 VPN
- RPR: Spatial reuse, Steering/Wrapping/Steering + Wrapping protection

OptiX Metro 1000 Mini-MSTP

OptiX Mini-MSTP series are cost-effective CPE which can be flexibly deployed in the transmission of mobile, DDN/PDH, TDM/Packet networks.



- Cross-connect: 26x26 VC-4 high-order & low-order
- Interface: STM-1/4/16, E1/T1, E3/T3, FE, GE, V.35/V.24/X.21, FE1
- Multi services include Ethernet, ATM and TDM
- Flexible E1/Fractional E1 access and convergence
- Support IEEE 1588V2 clock synchronization
- Flexible installation such as outdoor cabinet, wall-mount, desktop, 19-inch rack

OptiX Metro 100 Mini-MSTP

OptiX Metro 100 is a STM-1 mini-MSTP which can be flexibly deployed in the transmission of mobile, DDN/PDH, TDM/Packet networks.



- Cross-connect: 4x4 VC-4 high-order & low-order
- Interface: STM-1, E1, FE, GE
- Multi services include Ethernet, ATM and TDM
- Flexible E1/Fractional E1 access and convergence
- Flexible installation such as outdoor cabinet, wall-mount, desktop, 19-inch rack

OptiX OSN 550

OptiX OSN 550 is a STM-16/STM-4 mini-MSTP supporting transmission of TDM, Ethernet over SDH, Ethernet switching and MPLS services.



- Cross-connect: 20G high-order, 5G low-order
- 60Gbps packet switching capacity
- Interface: STM-1/4/16, E1/T1, E3/T3, FE, GE, 10GE
- Multi services include Ethernet, ATM and TDM
- Packet service: E-Line, E-LAN, QinQ, MPLS-TP based VPWS/VPLS, TDM PWE3, ATM PWE3, Ethernet PWE3
- Support IEEE 1588V2 clock synchronization
- Flexible installation such as outdoor cabinet, wall-mount, desktop, 19-inch rack

OptiX OSN 500

The OptiX OSN 500 is a STM-4/STM-1 mini-MSTP supporting transmission of TDM, Ethernet over SDH, Ethernet switching and MPLS services.



- Cross-connect: 20G high-order, 5G low-order
- 7.2Gbps packet switching capacity
- Interface: STM-1/4, E1/T1, E3/T3, FE, GE
- Multi services include Ethernet, ATM and TDM
- Packet service: E-Line, E-LAN, QinQ, MPLS-TP based VPWS/VPLS, TDM PWE3, ATM PWE3, Ethernet PWE3
- Support IEEE 1588V2 clock synchronization
- Flexible installation such as outdoor cabinet, wall-mount, desktop, 19-inch rack

Microwave OptiX RTN 980

The RTN 980 is an unified microwave platform providing TDM/Packet/Hybrid services for customer. It supports a maximum of 14 RF directions and provides several types of service interfaces.



- Frequency: 6/7/8/10/10.5/11/13/15/18/23/26/28/32/38GHz
- Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Packet switching capacity: 22Gbps
- Cross-connect: 128x128 VC-4, 2016x2016 VC12
- Interface: STM-1/4, E1, FE, GE
- E-Line, E-LAN, QinQ, PWE3
- Support IEEE 1588V2 clock synchronization

Microwave OptiX RTN 950

The RTN 950 is an unified microwave platform providing TDM/Packet/Hybrid services for customer. It supports a maximum of 6 RF directions and provides several types of service interfaces.



- Frequency: 6/7/8/10/10.5/11/13/15/18/23/26/28/32/38GHz
- Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Packet switching capacity: 10Gbps
- Cross-connect: 32x32 VC-4
- Interface: STM-1/4, E1, FE, GE
- E-Line, E-LAN, QinQ, PWE3
- Support IEEE 1588V2 clock synchronization

Microwave OptiX RTN 910

The RTN 910 is an unified microwave platform providing TDM/Packet/Hybrid services for customer with several types of service interfaces supported.



- Frequency: 6/7/8/10/10.5/11/13/15/18/23/26/28/32/38GHz
- Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Packet switching capacity: 4.2Gbps
- Cross-connect: 8x8 VC-4
- Interface: STM-1/4, E1, FE, GE
- E-Line, E-LAN, QinQ, PWE3
- Support IEEE 1588V2 clock synchronization

Microwave OptiX RTN 620

The OptiX RTN 620 is a software upgradeable TDM/hybrid integrated microwave device



- Frequency: 6/7/8/11/13/15/18/23/26/32/38GHz
- Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Adaptive Modulation & Automatic transfer power control.
- Interface: STM-1/4, E1, E3/T3, FE, GE
- Up to 4 RF directions
- EPL, EVPL, EPLAN, EVPLAN, QinQ

Microwave OptiX RTN 605

The RTN 605 is a microwave access device.



- Frequency: 6/7/8/11/13/15/18/23/26/32/38GHz
- Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Adaptive Modulation & Automatic transfer power control.
- Interface: STM-1/4, E1, E3/T3, FE, GE
- Up to 4 RF directions
- EPL, EVPL, EPLAN, EVPLAN, QinQ

SmartAX MA 5600T/5603T

SmartAX MA5600T is the global first all-in-one access platform which can support copper and optical integrated access. It can provide high density POTS, ISDN, G.SHDSL, ADSL2+/VDSL2, GPON and Ethernet fiber P2P access, triple-play service, TDM/ATM/Ethernet leased line services for business customers and mobile base access.



There are two models. MA 5600T has 16 service slots and MA5603T has 6 service slots

- 3.2T bit/s backplane capacity, 960G bps switch capacity, 512k MAC addresses
- Line-speed L2/L3 switching
- Static route/RIP/OSPF/MPLS
- Up to 36 x10GE or 384xGE interfaces
- 4k GEM ports and 1k T-CONTs per GPON port, up to 1:128 splitting ratio
- Large capacity IPTV service provision, 8k multicast users and 4k multicast channels

SmartAX MA 5620

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



- 2 GPON or GE uplinks
- User interface: 24xFE+24xPOTS / 16xFE+16xPOTS / 8xFE+8xPOTS
- 4096 VLANs, supporting QinQ and stacking VLANs
- IGMP v2/v3, IGMP snooping and proxy
- Perfect voice features, supporting basic services and supplementary services
- Plug-and-play (PnP) service provisioning

SmartAX MA 5626

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



- 2 GPON or GE uplinks
- User interface: 24xFE/ 16xFE/ 8xFE
- 4096 VLANs, supporting QinQ and stacking VLANs
- IGMP v2/v3, IGMP snooping and proxy
- Plug-and-play (PnP) service provisioning

SmartAX MA 5612

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).



- 2 GPON or GE uplinks
- Fixed user interface: 2xGE, 6xFE, 16xPOTS and 1x RF
- 2 slots to expand additional E1, Ethernet and POTS interfaces
- 4096 VLANs, supporting QinQ and stacking VLANs
- IGMP v2/v3, IGMP snooping and proxy
- Perfect voice features, supporting basic services and supplementary services
- Plug-and-play (PnP) service provisioning

SoftCo 9500 IP PBX

SoftCo series IP PBXs are core devices of the Huawei IP telephony solution. These IP PBXs can be networked with IADs, IP terminals, and PC softphones. They can offer enterprise users premium telephony services and other associated services.



- A maximum of 10,000 users and 32 E1s per module and 320,000 user per system
- Hot backup, local survivability, remote disaster recovery, and high reliability
- Virtual IP PBX applications
- High-quality, large-capacity embedded voice conferencing module, which supports extended multimedia functions
- Basic voice services and extended voice services such as UC, multimedia conferencing, card services, MMS, UMS and corporate/personal address book
- Microsoft OCS integration

SoftCo 5500 IP PBX

SoftCo series IP PBXs are core devices of the Huawei IP telephony solution. These IP PBXs can be networked with IADs, IP terminals, and PC softphones. They can offer enterprise users premium telephony services and other associated services.



- High integration, supporting a maximum of 224 analog users or 300 IP users per system
- Supports a unified network management system (NMS) or a local NMS and provides a built-in visualized tool (achieving foolproof equipment deployment within only 1 hour)
- Console services
- Billing functionality
- Video conferencing and conferencing management
- Extended UMS functionality (voice mailbox/fax mailbox)

eConference Meeting Server

eConf-MS2000/MS3000 multimedia conferencing servers are core devices within the Huawei multimedia conferencing solution. These servers provide connectivity services for group meetings or multiple group meetings.



- A maximum of 200 concurrent users (MS2000) and 400 concurrent users (MS3000)
- Supports audio, video and data conferencing services
- Automatically adjusts video speeds based on terminal capabilities and network conditions
- Supports sharing of vector data files
- Supports server clustering technology

SoftCo 5816 IP PBX

SoftCo series IP PBXs are core devices of the Huawei IP telephony solution. These IP PBXs can be networked with IADs, IP terminals, and PC softphones. They can offer enterprise users premium telephony services and other associated services.



- A maximum of 800 users per module
- Multiple Ethernet interfaces available for separation of services, billing and network management
- High-quality, large-capacity embedded voice conferencing module, which supports extended multimedia functions
- Basic voice services and extended voice services such as UC, multimedia conferencing, card service, MMS, UMS and corporate/personal address book
- Microsoft OCS integration

EGW 1500

Enterprise gateway (EGW) series products meet modern enterprises' integrated demands for access, wireless, security, voice services and deliver end-to-end secure multi-service solutions for SMB, enterprise branches, remote office and SOHO users.



- Provides diverse IP PBX voice services and supports a maximum of 20 voice users
- Supports voice mailbox
- Allows ADSL or FE mode to access the Internet
- Supports LAN switch
- Supports Wi-Fi
- Provides USB interfaces and supports 3G data cards
- Supports the Dynamic Host Configuration Protocol (DHCP) and network address translation (NAT)

eConference Meeting Terminal

eConf-MT1000/MT2000 conferencing terminals can record and replay audio and video streams, and implement data conferencing after being connected to microphones, speakers, and standard-definition(SD)/high-definition (HD) display devices.



- Supports concurrent outputs of both data and video streams
- Provides audio, data and HD conferencing services
- Supports firewall traversal
- Allows local or remote upgrade

IAD 1224

IAD 1224 is the integrated access device to interconnects with a SoftCo IP PBX through standard MGCP protocols.



- Maximum of 224 analog users
- Integrated access for both analog users and IP users
- Supports 1+1 AC/DC power supply
- Supports a unified network management system (NMS) or a local NMS and provides a built-in visualized tool (achieving foolproof equipment deployment within only 1 hour)

IAD 104H

The IAD 104H interconnects with a SoftCo IP PBX through standard SIP protocols.



- Provides four FXS interfaces
- Connects POTS and data users to the IP network
- Supports T.38 fax and transparent fax transmission
- Supports transparent transmission of modem signals
- Supports PPPoE and NAT
- Supports traditional PSTN phone services, such as CLIP, call forwarding and call waiting
- Collaborates with the SoftCo IP PBX to obtain intelligent and featured services, such as the RBT, ONLY service and card service

IAD 132E(T)

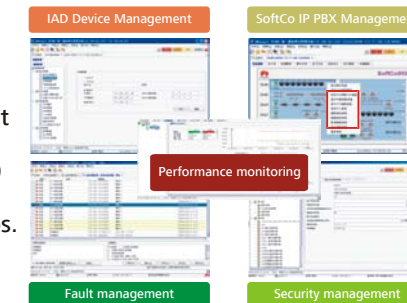
The IAD 132E(T) interconnects with a SoftCo IP PBX through standard SIP protocols.



- Provides 16 x FXS, 32 x FXS, 8 x FXO+8 x FXS, 8 x FXO+24 x FXS or 16 x FXO+16 x FXS interfaces
- Connects POTS users to the IP network
- Supports T.38 fax and transparent fax transmission
- Allows transparent transmission of modem signals
- Supports PPPoE
- Supports traditional PSTN phone services, such as CLIP, call forwarding and call waiting
- Collaborates with the SoftCo IP PBX to obtain intelligent and featured services, such as the RBT, ONLY service and card service
- Provides FXO analog trunks by the FXO and FXS Unit (OSU)

UC EMS

The UC EMS is a network element management system for unified communications. It can manage a maximum of 2000 SoftCo IP PBXs or 30,000 IAD devices. The UC EMS provides the following main functions



- Topology management
- Security management
- IAD device management
- SoftCo IP PBX management
- Log management
- Fault management



IP Phone ET 685

- 320 x 160 resolution
- SIP 2.0
- G.711a, G.711 μ , G.722, G.723.1, G.726, G.729, and iLBC
- Supports multiple languages including Germany, English, Spanish, French, Italian, Japanese, Korean, Portugal, simplified Chinese, and traditional Chinese
- A maximum of 6 call channels
- A maximum of 200 address records
- Call history, including a maximum of 50 records for incoming calls, outgoing calls, missed calls and transferred calls each
- Three user-defined ringing tones
- Supports power over Ethernet (POE) and message waiting indication (MWI)



IP Phone ET 655

- 240 x 120 resolution
- SIP 2.0
- G.711a, G.711 μ , G.722, G.723.1, G.726, G.729, and iLBC
- Supports multiple languages including Germany, English, Spanish, French, Italian, Japanese, Korean, Portugal, simplified Chinese, and traditional Chinese
- A maximum of 4 call channels
- A maximum of 200 address records
- Call history, including a maximum of 50 records for incoming calls, outgoing calls, missed calls and transferred calls each
- Three user-defined ringing tones
- Supports POE and MWI



IP Phone ET 635

- 180 x 90 resolution
- SIP 2.0
- G.711a, G.711 μ , G.722, G.723.1, G.726, G.729, and iLBC
- Supports multiple languages including Germany, English, Spanish, French, Italian, Japanese, Korean, Portugal, simplified Chinese, and traditional Chinese
- A maximum of 4 call channels
- A maximum of 200 address records
- Call history, including a maximum of 50 records for incoming calls, outgoing calls, missed calls and transferred calls each
- Three user-defined ringing tones, playing specific ringing tones for incoming specific phone numbers
- Supports POE and MWI



IP Phone ET 523

- 131 x 64 resolution
- SIP 2.0
- G.711A, G.711 μ , G.722, G.726, iLBC, GSM, G.729, and G.723.1
- Supports the English and Chinese languages
- A maximum of 4 call channels
- A maximum of 150 address records
- Call history, including a maximum of 50 records for the sum of answered calls and missed calls and a maximum of 50 records for outgoing calls
- Three user-defined ringing tones
- Supports POE and MWI



IP Phone ET 525

- 128 x 32 resolution
- SIP 2.0
- G.711A, G.711 μ , G.722, G.726, iLBC, GSM, G.729, and G.723.1
- Supports the English language
- A maximum of 2 call channels
- A maximum of 200 address records
- Call history, including a maximum of 50 records for the sum of answered calls and missed calls and a maximum of 50 records for outgoing calls
- Three user-defined ringing tones
- Supports POE and MWI



IP Phone ET 325

- 128 x 32 resolution
- SIP 2.0
- G.711A, G.711 μ , G.722, G.726, iLBC, GSM, G.729, and G.723.1
- Supports the English language
- A maximum of 200 address records
- Call history, including a maximum of 50 records for incoming calls and outgoing calls each
- Three user-defined ringing tones
- Supports MWI



UAP 3300

The UAP 3300 is a multimedia contact center access device that provides call access, agent and media resource functions for a multimedia contact center. It can interconnect with the CTI platform to provide live operator services and automatic IVR services.



- Provides an integrated narrowband and broadband automatic call distributor (ACD), which can simultaneously connect to PSTN, PLMN, NGN, 3G and IMS networks
- A maximum of 20,000 agents per system
- Supports distributed network topologies
- Supports multimedia access, including voice, fax, web, email, SMS and video
- Uniformly routes multimedia services using a variety of routing policies
- Uses carrier-class equipment designs that feature high reliability and powerful processing capabilities
- Supports multiple signaling types such as ISDN PRI, CN No.1, SS7, SIP, MGCP, H.248, and H.323
- Provides open third-party development toolkit
- Widely used in small and medium contact centers

UAP 6600

The UAP 6600 is a multimedia contact center access device that provides call access, agent and media resource functions for a multimedia contact center. It can interconnect with the CTI platform to provide live operator services and automatic IVR services.



- Provides an integrated narrowband and broadband ACD, which can simultaneously connect to PSTN, PLMN, NGN, 3G and IMS networks
- Supports a maximum of 50,000 agents and 100,000 narrowband external trunks in a centralized network topology
- Supports a maximum of 400,000 agents and 800,000 narrowband external trunks in a distributed network topology
- Supports multimedia access, including voice, fax, web, email, SMS and video
- Uniformly routes multimedia services using a variety of routing policies
- Supports multiple signaling types such as ISDN PRI, CN No.1, SS7, SIP, MGCP, H.248, and H.323
- Has an all-in-one subrack that integrates access, media resources, call control and system management functionalities via different boards inside the subrack
- Provides open third-party development toolkit

UAP 8100

The UAP 8100 is a multimedia contact center access device that provides call access, agent and media resources functions for a multimedia contact center. It can interconnect with the CTI platform to provide live operator services and automatic IVR services.

- Provides an integrated narrowband and broadband ACD, which can simultaneously connect to PSTN, PLMN, NGN, 3G and IMS networks
- Supports a maximum of 20,000 agents and 60,000 external trunks per office
- Supports multimedia access, including voice, fax, web, email, SMS and video
- Uniformly routes multimedia services using a variety of routing policies
- Supports distributed network topologies
- Supports distributed signaling access
- Provides open third-party development toolkit



TP 3106



- Designed for 3 - 6 users
- HD video 1080p 50/60fps
- Crystal audio with AAC-LD 48KHz spatial sound
- Lower bandwidth consumption
- Standard based interoperability
- Android based touch screen control panel
- 3 pieces of 22" 16:9 extra content screen
- Integrated in IMS , TIP available

TP 3016



- Designed for 6 - 16 users
- 1080p 50/60fps, 720p HD video
- AAC-LD directional audio
- 3 pieces of 65" plasma display
- Panoramic camera set
- Extra content screen
- Wireless touch screen control panel
- TIP available

VP 8660 Telepresence Server

- H.323/SIP/H.320
- Up to 1024 ports, scalable
- Support IP, E1
- HD video: H.264, 720p/1080p
- Wideband audio: AAC-LD, 22KHz
- Load sharing design
- Hot-swappable boards
- Lines backup
- Active-standby main control board
- AES/DES media encryption
- RoHS, CE
- TIP available



TP 3006



- Designed for 3 - 6 users
- 1080p 50/60fps, 720p HD video
- AAC-LD directional audio
- 3 pieces of 65" plasma display
- Panoramic camera set
- Wireless touch screen control panel
- TIP available

TP 1002



- Designed for 1 - 2 users
- All in one system
- 1080p 50/60fps, 720p HD video
- AAC-LD directional audio
- 65" plasma display
- Wireless touch screen control panel
- TIP available

VP 8650 Telepresence Server

- H.323/SIP/H.320
- Up to 256 ports, scalable
- Support IP, E1
- HD video: H.264, 720p/1080p
- Wideband audio: AAC-LD, 22KHz
- Load sharing design
- Hot-swappable boards
- Lines backup
- AES/DES media encryption
- RoHS, CE
- TIP available



VP 9620

Full HD multiparty conferencing, performance and flexibility

- Capacity:
 - 12,24,36 HD ports (720p30) @ 4Mbps, or,
 - 12,24,36 HD Ports (1080p30) @ 4Mbps
- Protocols: H.323, SIP, H.235, H.239, FTP, RTP, HTTP, HTTPS
- Upgrade flexibility
- Bandwidth: IP, 64Kbps ~ 4Mbps per port
- Video protocol: H.264, H.263, H.263+, H.261
- Video resolution: 1080p30, 720p60, 720p30, 4CIF, 2CIF, CIF, QCIF
- Audio protocol: AAC-LD/LC, HWA-LD, G.711, G.722, G.728 Content: H.239, 1280x1024
- Encryption: AES
- Universal transcoding: video, audio, content, rate
- Personal high definition Continuous Presence
- Video and audio IVR
- Web-based UI
- Embedded GK, for 256 devices.



VP 9610

Full HD multiparty conferencing, performance and flexibility

- Capacity:
 - 12 HD ports (720p30) @ 4Mbps, or,
 - 12 HD Ports (1080p30) @ 4Mbps
- Protocols: H.323, SIP, H.235, H.239, FTP, RTP, HTTP, HTTPS
- Bandwidth: IP, 64Kbps ~ 4Mbps per port
- Video protocol: H.264, H.263, H.263+, H.261
- Video resolution: 1080p30, 720p60, 720p30, 4CIF, 2CIF, CIF, QCIF
- Audio protocol: AAC-LD/LC, HWA-LD, G.711, G.722, G.728 Content: H.239, 1280x1024
- Encryption: AES
- Universal transcoding: video, audio, content, rate
- Personal high definition Continuous Presence
- Video and audio IVR
- Web-based UI
- Embedded GK, for 128 devices.



VP 9039S-M

Full HD video communications with 6-site embedded MCU

- Full HD endpoint and embedded MCU for small-medium business
- Key features: Up to 8Mbps, 1080p30 video, dual 720p30, AAC-LD audio, H.239(1280x1024), AES, web
- Video input: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Video output: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Audio: 5 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese



VP 9036S-M

Excellent HD video communications with 4-site embedded MCU

- Excellent HD endpoint and embedded MCU for small business
- Key features: Up to 4Mbps, 720p30 video, 1080p30/720p60, AAC-LD audio, H.239 (1280x1024), AES, web
- Video input: 2xDVI, 1xS-Video/CVBS
- Video output: 2xDVI, 1xS-Video/CVBS
- Audio: 5 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese



VP 9039A

Ultimate HD video communications, maximum quality and features.

- Ultimate HD endpoint for high end users
- Key features: Up to 8Mbps, 1080p60 video, dual 1080p30/720p60, AAC-LD audio, H.239 (1280x1024), AES, web
- Video input: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Video output: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Audio: 5 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese

**VP 9039S**

Full HD video communications, mainstream and easy-to-use like never before.

- Full HD endpoint for mainstream users
- Key features: Up to 8Mbps, 1080p30 video, dual 720p30, AAC-LD audio, H.239(1280x1024), AES, web
- Video input: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Video output: 2xDVI, 1xHD-SDI, 1xS-video/CVBS
- Audio: 5 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese

**VP 9035A**

Excellent HD video communications, easy-to-use like never before

- Excellent HD endpoint for budget tight users
- Key features: Up to 4Mbps, 720p30 video, dual 720p30 decode, AAC-LD audio, H.239(1280x1024), AES, web
- Video input: 2xDVI, 1xS-Video
- Video output: 2xDVI, 1xS-Video
- Audio: 5 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese
- 1080P version available

**VP 9030**

Excellent HD video communications, at an affordable cost

- Excellent HD endpoint for budget tight users
- Key features: Up to 2Mbps, 720p30 video, AAC-LD audio, H.239 (1280x1024), AES, web
- Video input: 2xDVI
- Video output: 2xDVI
- Audio: 4 input, 4 output
- 2xRS232, 2xUSB
- Language: English, French, Spanish, Portuguese, Russian, German, Finnish, Polish, Italian, Norwegian, Hungarian, Chinese
- 1080P version available

**VP 8066(M)**

Videoconferencing system for small to medium-sized conference rooms

- SD endpoint, set-top
- 6-site embedded MCU, CIF(only for VP8066M)
- Key features: Up to 4Mbps, 4CIF, AAC-LD, H.239 (1280x1024), AES, web
- Video input: 2xS-Video, 3xCVBS, 1xVGA
- Video output: 1xS-Video, 3xCVBS, 1xVGA
- Audio: 4 input, 3 output
- 3xRS232
- Language: English/Chinese/French/Russian/Spanish/Arabic

**VP 8033B**

Videoconferencing system offering great price performance

- SD codec for integration
- Key features: Up to 2Mbps, 4CIF, AACLD, H.239 (1280x1024), AES, web
- Video input: 1xS-Video, 1xCVBS, 1xVGA
- Video output: 1xS-Video, 1xCVBS, 1xVGA
- Audio: 2 input, 2 output
- 1xRS232
- Language: English/Chinese/French/Russian/Spanish/Arabic

**Tecal RH1285 Server**

Tecal RH1285 is a 1U rackmount server with high performance and low cost



- 1 or 2 Intel® Xeon® 5500 /5600series dual/quad/six-core processors
- 12 DIMM slots, DDR3 2GB/4GB/8GB, Support up to 96 GB
- Support 4 3.5-inch SAS/SATA hot swap hard disks
- SR100 RAID card support RAID E
- SR200 RAID card support RAID/5/6 with Cache and optional Battery Backup Unit
- one PCIe 8x standard add-in card (Full-Height, Half-Length)
- 2 onboard GE ports (RJ-45), support PXE and TOE
- 1 10/100M Ethernet port for management(RJ45), 1 DB9 series port, 1 DB15 VGA port

Tecal RH2285 Server

Tecal RH2285 is a 2U rackmount server with large-capacity, high-performance and low cost



- 1 or 2 Intel® Xeon® 5500/5600 series processor
- 12 DIMM slots, DDR3 2GB/4GB/8GB, Support up to 96 GB
- Support maximum 12 or 8 2.5/3.5-inch SAS/SATA hot swap hard disks.
- SR100 RAID card support RAID 0/1/1E;
- SR200 RAID card support RAID0/1/10/5/6/50/60 with 256MB Cache and optional Battery Backup Unit
- Two full-height, full-length PCIe standard add-in cards (one PCIe 8x and one PCIe 4x)
- 2 onboard GE ports (RJ-45), support PXE and TOE;
- 110/100M Ethernet port for management(RJ45), 1 DB9 series port, 1 DB15 VGA port

Tecal RH5485 Server

Tecal RH5485 is a 4U rackmount server features large capacity, high performance, high reliability, high scalability, and high computing capability



- Two or four Intel® Xeon® 7500 quad-core, six-core, or eight-core processors
- 64 DIMM slots for installing 1 GB, 2 GB, 4 GB, 8 GB, 16 GB, and 1066 MHz DDR3 DIMMs, providing a maximum storage space of 1 TB
- Supports a maximum of eight 2.5-inch hot-plug SAS or SATA hard disks
- Seven slots for installing PCIe 2.0 cards, including 10 GE host bus adapters (HBAs) and Fiber Channel over Ethernet (FCoE)
- Two onboard GE ports (RJ45), which support TCP/IP offload engine (TOE)
- Eight USB 2.0 ports, two on the front panel, four on the rear panel, and two on the internal system board
- One DB9 serial port and one DB15 VGA port

Tecal E6000 Server Chassis

Tecal E6000 is a new-generation 8U blade server which features low power consumption, high performance to support virtualization, easy maintenance, and high reliability



- Up to 10 BH620 blades.
- Six GE switches or four GE switches + two FC switches
- Up to six hot swap gold level power modules with N+N or N+1 redundancy
- Load balance and failover
- Nine hot swap fan modules with N+1 redundancy
- Up to two shelf management modules
- Support management features, such as IPMI 2.0, SOL, KVM over IP, and virtual media.

Tecal E6000 Server -Bh620 blade server

- 1~2 Dual / Quad-core / Six-core Intel® Xeon® 5500/5600 series processors
- Support up to 12 DDR3 DIMM slots, and up to 96 GB memory
- Four 2.5-inch SAS or SATA hot swappable hard disks
- Support 1.2 TB SAS internal storage (with four 2.5-inch 300 GB SAS hard disks).
- Support RAID 0, RAID 1, RAID 10, and RAID 5 etc.
- Support RAID cache, The optional BBU battery protection module provides 3 x 24 hour power protection.
- The blade is integrated with two GE Ethernet controllers, adopting BCM5715 chips.
- Support extending two 8 lane PCIe Mezzanine daughter cards



Tecal X6000 Server

Tecal X6000 is a 2U server platform provided for new IDCs, and it features low power consumption, high density, high scalability, high reliability, and easy management and supports virtualization..

- Modular design with four half-width nodes or two full-width nodes
- Maximum of two 750 W hot-swappable power modules in 1+1 redundancy mode. Load balancing and failover are supported.



Node

XH310

- One Quad-core processors Intel®Xeon®3400 processor
- Four DDR3 DIMM slots, supporting the maximum memory of 32 GB (8 GB of each)
- One 3.5-inch SATA disk
- Integrates two GE controllers adopting Intel 82576
- Integrates one FE controller (management network interface)



XH620

- 1~2 Quad-core/hex-core Intel® Xeon®5500/5600
- 18 DDR3 DIMM slots, supporting the maximum memory of 144 GB (8 GB of each)
- Three 3.5-inch SATA or SAS disks
- Integrates two GE controllers adopting Intel 82576
- Integrates one FE controller
- Supports the expansion of two PCIe x 8 cards



Tecal ES2000 SSD High-Performance Storage

Tecal ES2000 SSD is a high-performance storage that uses NAND flash chips. Featuring high IOPS, low power consumption, long life cycle, and high reliability



- Supports a maximum of 55,000 random 4K read IOPS and 12,000 random 4K write IOPS
- Energy-efficient and environment-aware with low noise
- Uses the wear-leveling algorithm and supports the error checking and correcting (ECC) and bad block management modules to guarantee high data reliability.
- In-service firmware upgrade
- Capacity: 256GB (ES2000S), 512GB/1024GB (ES2000M)

Tecal iNIC1000 Intelligent Network Interface Card

Tecal iNIC1000 intelligent network interface card frees your servers from complex I/O processing and ensures that your applications are running efficiently, safely, and methodically, without risks of packet loss



- Solving the input/output (I/O) bottleneck of the server network with excellent performance
- Improves the performance and service processing capability of servers
- Can forward packets between network interfaces or collect packets to a server for analysis and monitoring
- Interface: 4 GE electrical interfaces on EN1041e /EN1042e/EN1241e, 2 GE optical interfaces on En1221e

Disk storage systems

S2300

An economic enterprise-class product that has the FC SAN function



- Single/dual controller
- Configuration options
 - Four 4 Gbit/s FC ports
 - Eight 1 Gbit/s iSCSI ports
- SAS/SATA hard disks
- 96 hard disk drivers

S2600

A storage product that focuses on low- and medium-end storage markets and satisfies the storage and backup requirements of databases, files, and videos in the Windows and Linux operating systems



- Single/dual controller
- Configuration options
 - Eight 1 Gbit/s iSCSI ports
 - Four 3 Gbit/s SAS ports
 - Eight 4 Gbit/s FC ports
 - Four 1 Gbit/s iSCSI ports + four 4 Gbit/s FC ports
- SAS/SATA hard disks
- 96 hard disk drivers

S5300

A storage product that focuses on low- and medium-end storage markets, satisfies different service system requirements for database processing and centralized backup, and ensures service security and availability



- Dual controllers
- Configuration options
 - Eight 4 Gbit/s FC ports
 - Four 4 Gbit/s FC ports + four 1 Gbit/s iSCSI ports
 - Sixteen 8 Gbit/s FC ports
 - Eight 8 Gbit/s FC ports + four 10 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 120 hard disk drivers

S5500

A storage product that focuses on medium-end storage markets, satisfies different service system requirements for database processing and centralized backup, and ensures service security and availability



- Dual controllers
- Configuration options
 - Sixteen 4 Gbit/s FC ports
 - Eight 4 Gbit/s FC ports + four 1 Gbit/s iSCSI ports
 - Sixteen 8 Gbit/s FC ports
 - Eight 8 Gbit/s FC ports + four 10 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 120 or 240 hard disk drivers

S5600

A main product that focuses on medium- and high-end storage markets, satisfies different service system requirements for database processing and centralized backup, and ensures service security and availability



- Dual controllers
- Configuration options
 - Sixteen 4 Gbit/s FC ports
 - Eight 4 Gbit/s FC ports + four 1 Gbit/s iSCSI ports
 - Twelve 8 Gbit/s FC ports
 - Four 8 Gbit/s FC ports + four 10 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 240 or 480 hard disk drivers

S6800E

A main product, that focuses on medium- and high-end storage markets, satisfies different service system requirements for database processing and centralized backup, and ensures service security and availability



- Dual controllers
- Configuration options
 - Twelve 4Gbit/s FC ports
 - Four 4 Gbit/s FC ports + four 1 Gbit/s iSCSI ports
 - Twelve 8 Gbit/s FC ports
 - Four 8 Gbit/s FC ports + four 10 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 480 or 1080 hard disk drivers

S3900

A main product and a new-generation product that focuses on medium-end storage markets, satisfies different service application requirements for large-sized database OLTP/OLAP, centralized storage, backup, disaster recovery, data migration, and so on, and effectively ensures user service security and availability



- Dual controllers
- Front ports: 8 Gbit/s FC ports, 1 or 10 GE (iSCSI) ports
- Back ports: SAS 2.0 wide ports
- Onboard I/O ports: eight 8 Gbit/s FC ports (front) + four SAS 2.0 ports (back)
- SAS wide ports
- SSD/SAS/SATA hard disks
- 288 hard disk drivers

S6900

A main product and a new-generation product that focuses on high-end storage markets, satisfies different service application requirements for large-sized database OLTP/OLAP, centralized storage, backup, disaster recovery, data migration, and so on, and effectively ensures user service security and availability



- Dual controllers
- Front ports: 8 Gbit/s FC ports, 1 or 10 GE (iSCSI) ports
- Back ports: 4 Gbit/s FC ports or SAS 2.0 wide ports
- Onboard I/O ports: 0
- SSD/FC/SATA or SSD/SAS/SATA hard disks
- 1440 hard disk drivers

S12300

A new-generation high-end SAN storage product that focuses on key core applications



- Two to eight controllers
- Configuration options
 - 128 x 8 Gbit/s FC ports
 - 128 x 4 Gbit/s FC ports
 - Sixty-four 1 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 2760 hard disk drivers

S5900

A main product and a new-generation product that focuses on medium- and high-end storage markets, satisfies different service application requirements for large-sized database OLTP/OLAP, centralized storage, backup, disaster recovery, data migration, and so on, and effectively ensures user service security and availability



- Dual controllers
- Front ports: 8 Gbit/s FC ports, 1 or 10 GE (iSCSI) ports
- Back ports: 4 Gbit/s FC ports or SAS 2.0 wide ports
- Onboard I/O ports: 0
- SSD/FC/SATA or SSD/SAS/SATA hard disks
- 1152 hard disk drivers

S12100

A new-generation high-end SAN storage product that focuses on key core applications



- Two to four controllers
- Configuration options
 - Sixty-four 8 Gbit/s FC ports
 - Sixty-four 4 Gbit/s FC ports
 - Thirty-two 1 Gbit/s iSCSI ports
- SSD/FC/SATA hard disks
- 1020 hard disk drivers

Cluster NAS storage systems
N8300

A highly modular unified storage platform (consisting of NAS, FC-SAN, and IP-SAN) that has independent property rights and leasing technology, and stratifies medium-end storage application requirements



- Two to six controllers
- Active-Active mode
- Four or eight GE ports/controllers
- FC/SAS/SATA hard disks
- Maximum storage capacity of 7 PB
- Multi-protocol integration storage system, supporting FC SAN, IPSAN, NFS, and CIFS

N8500

A highly modular unified storage platform (consisting of NAS, FC-SAN, and IP-SAN) that has independent property rights and leasing technology, and stratifies medium-end storage application requirements



- Four to sixteen controllers
- Active-Active mode
- Four or six GE ports/controllers
- FC/SAS/SATA hard disks
- Maximum storage capacity of 15 PB
- Multi-protocol integration storage system, supporting FC SAN, IPSAN, NFS, and CIFS

VTL6000

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



- Configuration options
 - Four 4 Gbit/s FC ports + four 1 Gbit/s iSCSI ports
 - Two 4 Gbit/s FC ports + two 1 Gbit/s iSCSI ports
- 192 hard disk drivers
- A maximum of 256 virtual tape libraries, 2048 tape drives, and 131070 tapes

Cloud storage systems**Cloud storage service engine CSE**

The CSE provides storage-based value-added services, such as online storage and backup services, and provides a service operation management platform to support customers' storage space rental services, such as network disk rental



- Online storage and backup services
- Comprehensive user management functions
- Automatic deployment and upgrade

Virtual tape library systems
VTL3500

An economic VTL product, that focuses on low-end storage markets and is suitable for government, health care, education institutions



- Configuration options
 - Two 1 Gbit/s iSCSI ports
 - Two 4 Gbit/s FC ports + two 1 Gbit/s iSCSI ports
- 24 hard disk drivers
- A maximum of 128 virtual tape libraries, 1024 tape drives, and 65535 tapes

Virtualization storage gateway
VIS6000

An industry-leading storage virtualization device that provides integrated and flexible storage network with high security and availability



- Dual-controller structure, supporting an eight-node cluster
- Each node supporting a maximum of twelve 4 Gbit/s FC ports or twelve 1 Gbit/s GE ports
- Storage virtualization
- Simplified configuration
- Remote data disaster recovery
- Dynamic data migration

Cloud storage system CSS

The CSS consists of a distributed file system and distributed database, which satisfies the storage requirements of services, such as large capacity, high concurrency, and flexible expansion



- Distributed file system
- Proprietary database interface
- Automatic resource scheduling and management

