Huawei AR3200 Series
Enterprise Routers Datasheet

HUAWEI TECHNOLOGIES CO., LTD.

AR3200 Series Enterprise Routers

AR3200 Series Enterprise Routers

With its flexible modular design, the Huawei AR3200 series enterprise routers are designed to provide secure unified voice and data communication with exceptional performance and scalability to meet the demands of today's enterprise requirements.

* The 3200 series routers only has one model AR3260 now, but we will add more new models in future.

Product Overview

The Huawei AR3200 enterprise routers are next-generation enterprise-class routers based on the Huawei proprietary Versatile Routing Platform (VRP), which takes advantage of Huawei's leadership in data communication, wireless, access network, and core network technologies.

The AR3200 routers integrate routing, switching, 3G,LTE, voice, and security functions. It utilizes a multi-core CPU and non-blocking switching structure providing industry-leading system performance and extensibility, supporting evolving service development requirements. The AR3200 routers provide an integrated solution for enterprise networks, speed up multi-service provisioning and protect customers' investments. The modular chassis allows customers to customize the router with interchangeable interface cards.

The AR3200 routers use embedded hardware encryption techniques and support a voice-optimized Digital Signal Processor (DSP). It supports firewall functions, call processing, voice mail, and other applications. The AR3200 routers support wired and wireless access modes, including E1/T1, xDSL, xPON, CPOS, 3G, and LTE.

Table 1: AR3200 Models

AR3260

- WAN speed with services(IMIX):
    - » 1Gbps (with SRU40*)
    - » 2Gbps (with SRU80*)
    - » 1Gbps (with SRU100E*)
    - » 4.5 Gbps(SRU200*)
    - » 5.5 Gbps (SRU400*)
- Hardware-based Traffic Management (with SRU80, SRU200* and SRU400*)
- Hardware-based HQoS (with SRU80, SRU200* and SRU400*)
- Fixed port:
    - » SRU40: 3 x GE(2 x Combo)
    - » SRU80: 3 x GE(2 x Combo)
    - » SRU100E: 4 x GE Combo+ 2 x GE SFP
    - » SRU200: 4 x GE Combo+ 2 x 10GE SFP+
    - » SRU400: 4 x GE Combo+ 2 x 10GE SFP+
- Slots: 4*SIC + 2*WSIC + 4*XSIC
- Dimensions (H x W x D): 130.5 mm x 442 mm x 470 mm

* Main control board model number

The AR3200 routers support optional interface cards, including Ethernet, E1/T1/PRI/VE1, synchronous/asynchronous, ADSL2+/G.SHDSL, ISDN, CPOS, EPON/GPON 、 FXS/FXO voice cards, 3G, LTE and E&M interface cards. They are available in the following formats: SIC (Smart Interface Card), WSIC (Double-Width SIC), and XSIC (Double-Height WSIC), depending on the number of slots available. The supported interface cards are described below.

Note: For more information about interface cards, please refer to Ordering Guide.

Features and Benefits

Applications in one box, Reduce TCO

The AR3200 routers reduce equipment and deployment costs due to the integrated routing, switching, 3G, voice, and security functions into a single device. At the same time, The AR3200 realizes enterprises flexible access with rich interfaces adapting to a variety of terminals.

Industry-Leading Voice Quality and User Experience

Enterprise-class voice communication is flexible and efficient, as the AR3200 voice features integrate with data networks.

- Basic voice functions are provided by the built-in PBX, SIP server, and SIP access gateway
- Value-added voice services include multi-party communication, IVR automatic connection, ring-back-tone, parallel ringing, sequential ringing, one number link you (ONLY), bill management, and subscriber management.
- Intelligent call routing enables exceptional voice service reliability.
- The AR3200 routers can be connected with the NGN/IMS/PBX/terminal of major vendors.
- The Quality of Experience (QoE) feature monitors voice service quality in real time.
- Jitter buffer, echo cancellation, and packet loss compensation combine to deliver a superior user experience

Secure Service Access Protects Networks and Users

While delivering enterprise-class network services, the AR3260 router provides robust network security. Comprehensive security solutions include user access control, packet detection, and active attack defense.

- The built-in firewall and IPS, construct the first defense line .
- Port authentication technologies include 802.1x authentication, MAC address authentication, and portal authentication.
- User and device authentication methods include RADIUS and HWTACACS.
- Smart Application Control(SAC) identifies 1600+ applications, and the identified applications can be applied fine-grained policies. SAC ensures bandwidth for key services, and limits traffic of non-key service traffic to ensure stable and high-efficient transmission of key services.
- Flexible bandwidth management based on interfaces, different services, users, user groups and applications.
- VPN technologies include IPSec VPN, GRE VPN, DSVPN, L2TP VPN.

Integration of wireless and wired Functions

Table 2: Wireless Access Modes

Access Mode	Description
WLAN	• Built-in AC function, establish WLAN campus flexibly
3G	• Provides flexible network access by supporting 3G standards, including CDMA2000 EV-DO, and WCDMA • Assures compliance with service level agreements (SLAs) with the Huawei Network Quality Analyzer (NQA) that monitors the real-time status of network links • Ensures reliable service transmission with Security VPN over 3G links
LTE	• 100M LTE enterprise access solutions, high bandwidth experience • Supports transition from 3G networks to LTE networks, preserving customers' investments

Table 3: Wired Access Modes

Access Mode	Description
Fiber	• Allows flexible network access by supporting Gigabit Ethernet and Channelized Packet Over SONET (CPOS) optical interfaces • Meets transmission requirements of bandwidth-intensive services such as voice services, by providing 1 Gbps or 10 Gbps bandwidth • Supports EPON/GPON interface cards
Copper cable	• Preserves customers' investments by supporting legacy interfaces, including xDSL, E1/T1, serial ports, and ISDN interfaces, • Configurable uplink access rates from 64 kbps to 1 Gbps

Better Experience, Business Continuity

Multi-cores architecture, Industry-Leading performance

The AR3200 routers use a multi-core CPU and non-blocking switching structure to provide industry-leading system performance.

• The multi-core CPU speeds up concurrent data and voice service processing, supporting a large number of services.
• Achieves maximum traffic throughput with non-blocking switching.
• The bus channel bandwidth of a single slot is up to 10 Gbps.
• Delivers high performance and service reliability through independent protocol management, service processing, and data switching.

To meet enterprise requirements for network expansion and rapid service deployment, the AR3200 routers:

• Integrates routing and switching functions to simplify device configuration and maintenance by improving data switching efficiency between interface cards.

Low cost, High reliability

To guarantee the reliability of the equipment layer and network layer, the AR3200 series support hot-swap technology and redundant components design, a series of fault detection and judgment mechanisms, which can shorten the service interruption time.

- Assures service reliability and network stability with hot-swappable interface cards and redundant components, including fan modules.
- Link backup for enterprise services improves reliability.
- MS level Fault detection mechanisms, shorten the service interruption time
- Local survival, improve the voice reliability of branch network

Intelligent Service Deployment

As the enterprise grows, requirements for service deployment increase. To meet these growing demands, the AR3200 routers provide convenient configuration options:

- Mini-USB port to configure the devices using a GUI.
- USB drive to configure devices for plug-and-play.
- Auto-config feature to automatically distribute configurations to devices.

Cooperation platform, On Demand applications

Open Service Platform, Enterprise-level APP

The AR3200 routers provide a unified communication solution for enterprise customers. It uses the Open Service Platform (OSP) to interconnect with third-party IT systems. Customers, agents, third-party vendors, and manufacturers can develop unified communication systems by using the AR3200 routers.

- Integrate and customize services quickly.
- Save money and simplify management, as service integration does not require dedicated servers.
- Services synchronized with cloud-side services and local services are processed locally, which improves service quality and efficiency.

Standard MIB provided by VRP, Simplified Network and Device Management
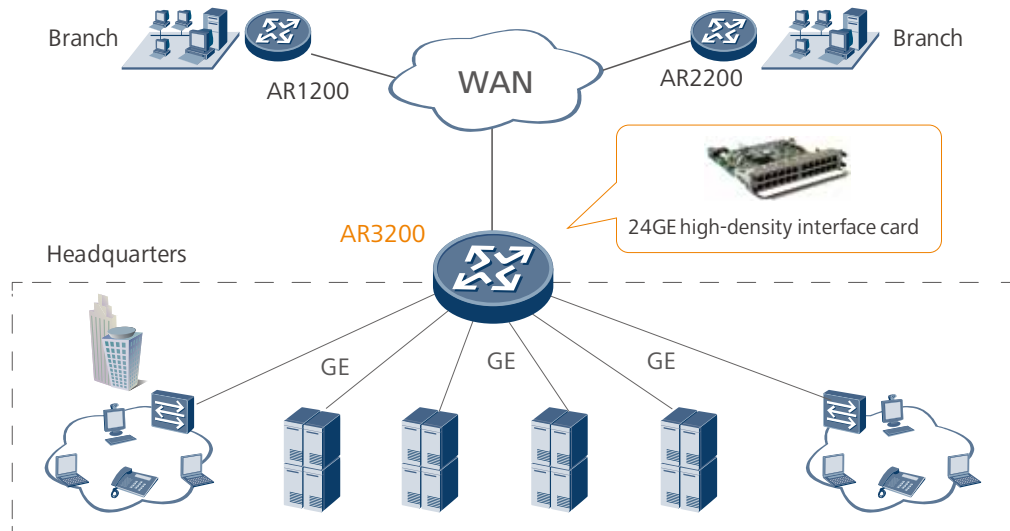
The AR3200 routers make network and device management simple:

- Manage devices easily with the eSight network management system.
- Monitor links in real time using the NQA feature.
- Maintain peak network performance by using the NetStream feature to view traffic characteristics and statistics, as well as optimization according to usage.

Sample Deployments

High-Density Ethernet Access

Branch

AR1200

WAN

AR2200

Branch

AR3200

24GE high-density interface card
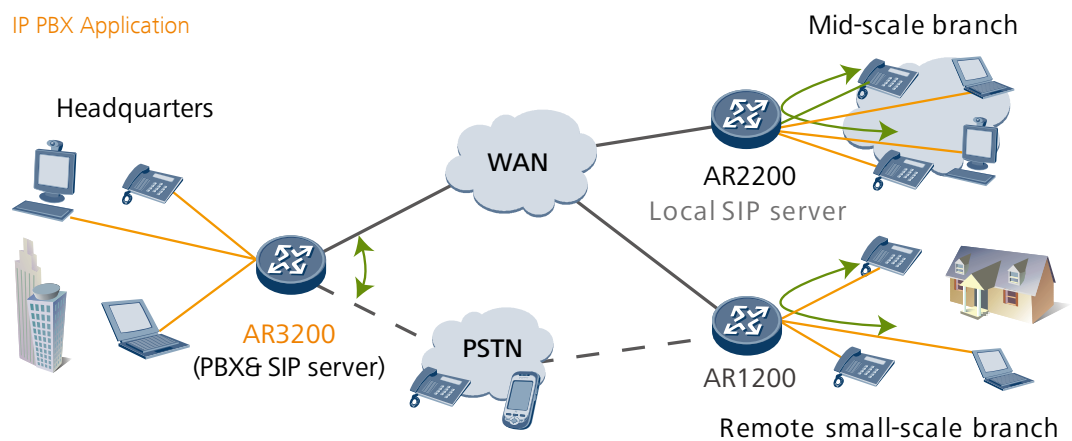
Headquarters

GE   GE   GE

To preserve customer investment, the AR3260 features a highly modular design. In the example above, a high-density GE access interface card is deployed to provide Gigabit speed access for servers and workgroups at enterprise headquarters.

High-Quality Voice Service

Enterprise customers can use the AR3200 routers at the headquarters office as an IP PBX and SIP voice gateway.

IP PBX Application

Mid-scale branch

Headquarters

WAN

AR2200
Local SIP server

AR3200
(PBX& SIP server)

PSTN

AR1200

Remote small-scale branch

To improve communication efficiency, all AR routers include a built-in PBX. This feature supports the enterprise main number, Interactive Voice Response (IVR), and bill query functions. An AR1200 or an AR2200 router can be located in a branch office to provide the intelligent dialing feature.
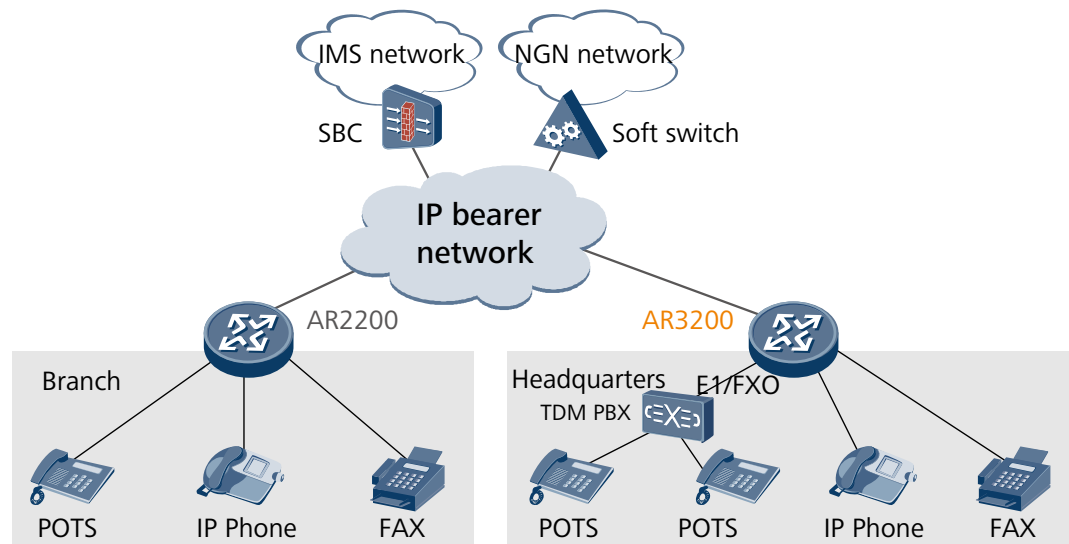
The AR3200 routers integrate voice, fax, and IP services. For enterprise users, the AR3200 routers serve as a SIP access gateway for the headquarters office, transforming phone signals into VoIP signals. The AR3200 routers uplink interfaces connect to the IP Multimedia Subsystem (IMS) or Next Generation Network (NGN) to allow any media, including phones, handsets, and computers, to communicate at any time.

Wireless Access in Branch Offices

Wi-Fi Wireless Access Deployment
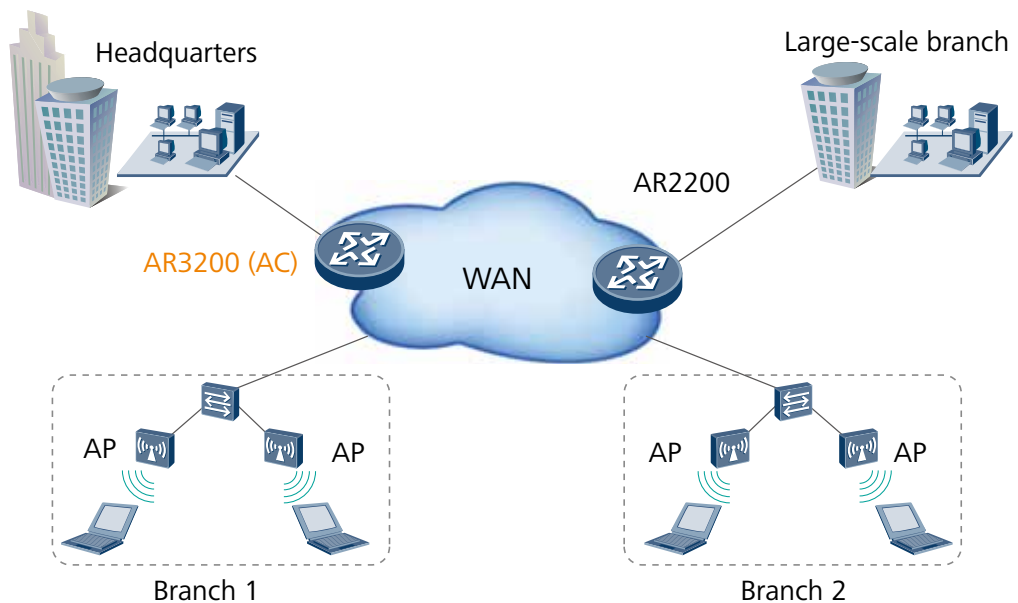
The AR3200 routers integrate AC (Access Controller) functionality, which can manage the wireless AP (Access Point) in wireless LAN. AR2200 supports rich certification and flexible user access control, which can provide security access guarantee for Wi-Fi users. The rich wireless capabilities integrated in one device, this can realize centralized management of wired and wireless networks, to meet the requirements of different scale enterprises networks.

VPNs in Branch

VPN over the Internet

The AR3200 routers provide secure access for communication among enterprise branch offices as well as between headquarters and branch offices and headquarters and business partners. Tunnels between the headquarters and branch offices ensure secure data access and transmission. The AR3200 routers implement fast tunnel deployment and authentication so branch offices and partners can quickly access and share enterprise resources.
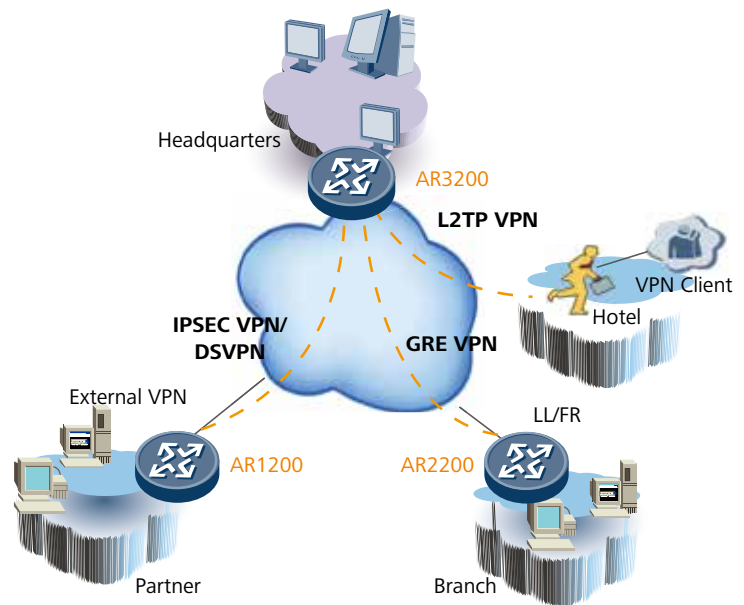
VPN Over an MPLS Network
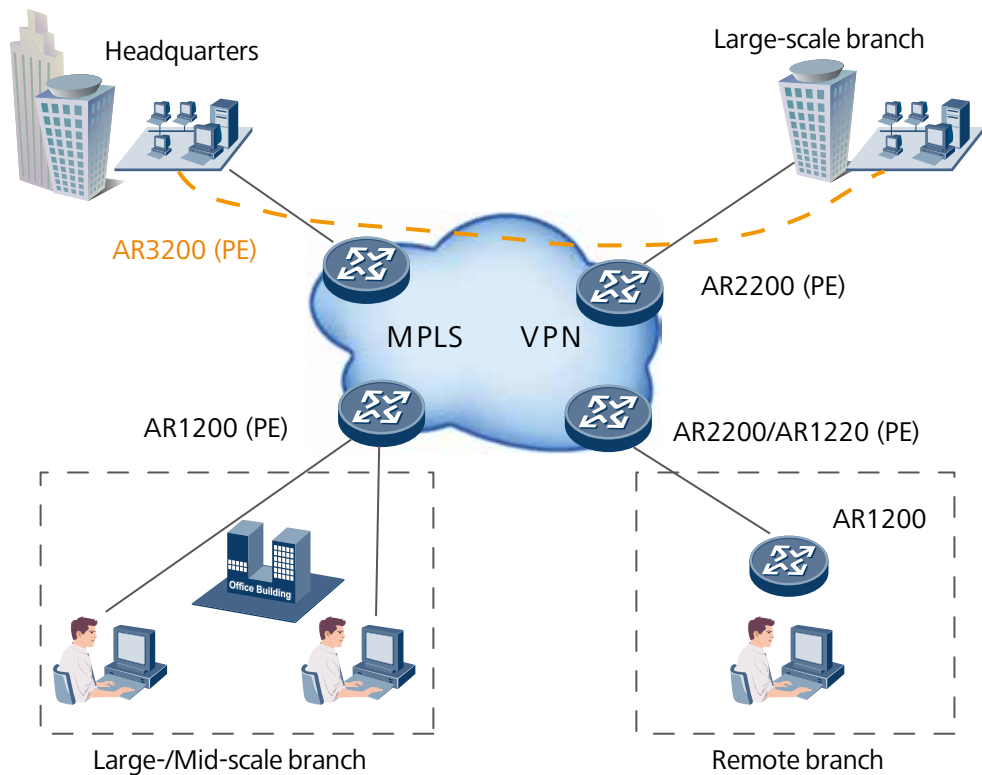
The AR3200 routers are well suited to serve as PEs in the headquarters office of a large enterprise. The MPLS L3 VPN segregates services by type. The AR3200 routers feature flexible deployment, fast distribution, and secure transmission of VPN services, as well as supporting enterprise service operation over networks.

WAN branch Internet & Aggregation

Branch access through high density E1 aggregation
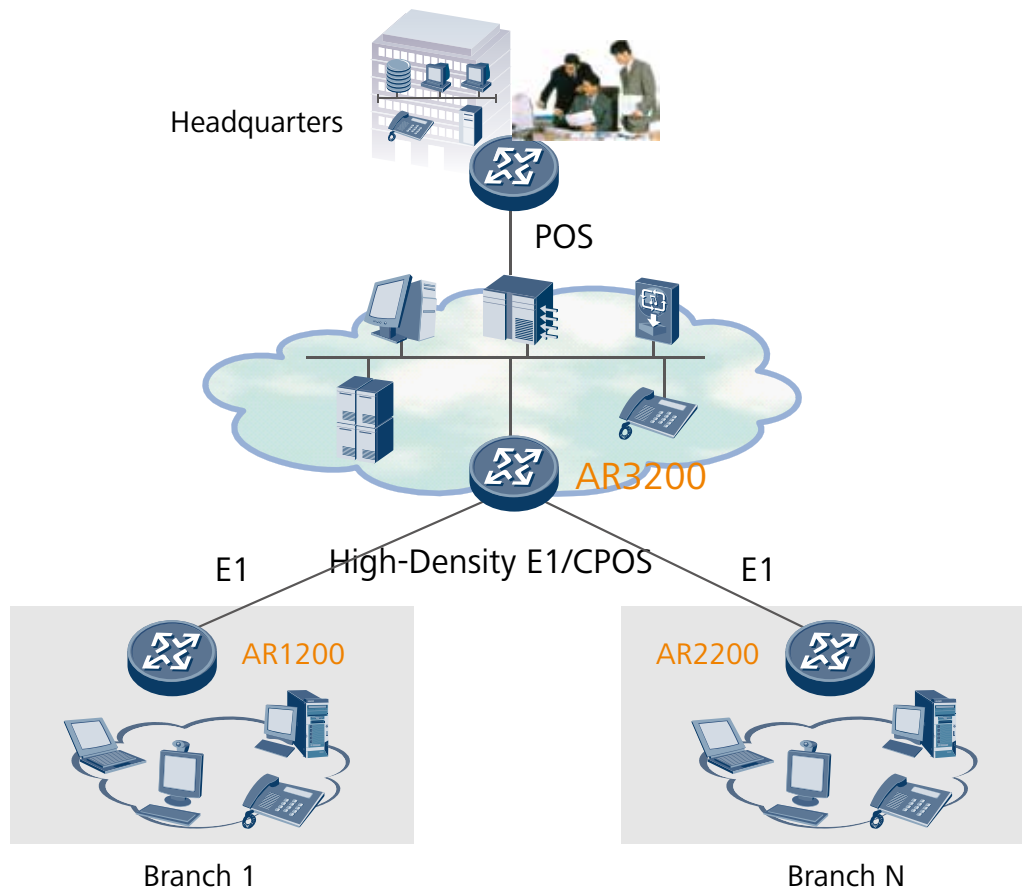
AR3200 series enterprise routers support the rich interface cards, including high-density E1, CPOS, POS interface cards and so on, to meet the convergence access requirements in the various branches and headquarters. Multiple enterprise small branches connected by E1 uplink to the aggregation layer routers. The aggregation routers use high-density the E1 boards or CPOS to converged access, and then through the POS uplink to connect the high-end router of the core network.

Technical Specifications

Table 4: Technical Specifications

Item	AR3260
Hardware	
WAN speed with services ***	1Gbps (SRU40), 2Gbps (SRU80), 1Gbps(SRU100E), 4.5 Gbps(SRU200), 5.5Gbps(SRU400)
Firewall perfor-mance (large packets)	5.5 Gbps (SRU40), 9.5 Gbps (SRU80), 10Gbps(SRU100E), 15Gbps(SRU200), 20Gbps(SRU400)
Device switching capacity	160 Gbps
Slot switching bandwidth	SIC slots: 2 Gbps WSIC slots: 5 Gbps XSIC & EXSIC slots: 20 Gbps
Number of recommended users	2000
Fixed WAN ports	SRU40: 3 x GE(2 x Combo) SRU80: 3 x GE(2 x Combo) SRU100E: 4 x GE Combo+ 2 x GE SFP SRU200: 4 x GE Combo+ 2 x 10GE SFP+ SRU400: 4 x GE Combo+ 2 x 10GE SFP+
SIC slots	4
WSIC slots	2
XSIC slots (default/max**)	4/6
EXSIC slots (share with XSIC)	1
DSP slots	0/3
USB 2.0 ports	1/2
Mini-USB ports	1
Console port	1
Memory	2GB/4GB
Flash(default/max**)	2GB/8GB
Maximum power	350 W (single power module)/700 W (dual power module)
AC power	100 V-240 V
Frequency	50 Hz/60 Hz
DC power	-48 V~-60 V

Item	AR3260
Dimensions (height x width x depth)	130.5 mm x 442 mm x 470 mm
Weight	11 KG (without power module and interface card)
Ambient temperature	0°C-45°C
Relative humidity	5-95% (non-condensing)
Software	
Basic feature	DHCP server/client, PPPoE server/client, PPPoA client, PPPoEoA client, NAT, Sub interface management
Voice	RTP, SIP, SIP AG, IP PBX/TDM PBX, FXO/FXS, VoIP/conference call, BEST, DISA, SBC
3G	3G Interface card(WCDMA)
LTE	LTE Interface card(FDD LTE: Uplink: 50Mbit/s Downlink: 100Mbit/s)
WLAN(AC)	AP management(AC discovery/AP access /AP management),CAPWAP,WLAN user management , WLAN radio management(802.11a/b/g/n, WLAN QoS(WMM), WLAN security(WEP/WPA/WPA2/Key management)
LAN	IEEE 802.1P, IEEE 802.1Q, IEEE 802.3, VLAN management, MAC address management, MSTP
IPv4 unicast routing	Routing policy, static route, RIP, OSPF, IS-IS, BGP
IPv6 unicast routing	Routing policy, static route, RIPng, OSPFv3, IS-ISv6, BGP4+
Multicast	IGMP V1/V2/V3, IGMP-Snooping V1/V2/V3, PIM SM, PIM DM, MSDP
MPLS	LDP, MPLS L3 VPN, VLL, PWE3, static LSP, dynamic LSP, MPLS TE, IP FRR, LDP FRR, TE FRR
VPN	IPSec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, Smart VPN
QoS	DiffServ mode, MPLS QoS, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance (based on IP precedence/DSCP WRED), congestion management (LAN interface: SP/WRR/SP+WRR; WAN interface: PQ/CBWFQ), MQC (traffic classifier, traffic behavior, and traffic policy), Hierarchical QoS, FR QoS, Smart Application Control (SAC)，Hardware QoS
Security	ACL, firewall, 802.1x authentication, MAC address authentication, Web authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, broadcast storm suppression, ARP security, ICMP attack defense, URPF, IP Source Guard, DHCP snooping, CPCAR, blacklist, IP source tracing
Management and maintenance	Upgrade management, device management, web-based GUI, GTL, SNMP (v1/v2c/v3), NTP, CWMP, Auto-Config, deployment using USB disk, CLI

**Note: Combined slots are included in the total number of slots available.

***Note: Service performance depending on specific feature configuration.

The flash memory storage can be expanded by Micro SD card.

How to Configure the Modular AR3200 Router

The AR 3260 router features a modular chassis with slots that can be configured to meet customer requirements. There are ten chassis options:

- Main control board SRU 40 with AC power supply
- Main control board SRU 40 with DC power supply
- Main control board SRU 80 with AC power supply
- Main control board SRU 80 with DC power supply
- Main control board SRU 200 with AC power supply
- Main control board SRU 200 with DC power supply
- Main control board SRU 400 with AC power supply
- Main control board SRU 400 with DC power supply
- Main control board SRU 100E with AC power supply
- Main control board SRU 100E with DC power supply

NOTE: A separate fan module is required for all AR3260 chassis.

Service Cards

After selecting a chassis option, customers can provision the router chassis with one of four available DSP cards as well as interface cards to meet their requirements.

The optional interface cards include SIC, WSIC, and XSIC. Two SIC slots can be used as one WSIC slot by removing the guide rail. Two WSIC slots can be used as one XSIC slot by removing the panel. The DSP card fits into the DSP slot and works with the FXO/FXS/ISDN/VE1 voice card.

Software

Basic software that supports routing, switching, voice service, and security is included with all models, along with product documentation. Licensed software is available to support optional features, such as AC.

Ordering Information

Begin by ordering the chassis, control board, power supply, and fan module. Then select a DSP card (if required), interface modules, any special licenses as well as any desired accessories (SD card or USB disk).

Tables 5 - 13 list the part numbers to use when ordering components.

Table 5: Chassis Options and Fan Module

AR3260 Chassis Model	Description
AR0M0036SA00	AR3260,Service and Router Unit 40,4 SIC,2 WSIC,4 XSIC,350W AC Power
AR0M0036BA00	AR3260,Service and Router Unit 80,4 SIC,2 WSIC,4 XSIC,350W AC Power
AR0M0036BD00	AR3260,Service and Router Unit 80,4 SIC,2 WSIC,4 XSIC,350W DC Power
AR0MNTEH10501	BT-NTE-H105 Bundle(Includes AR3260 Base Configuration, eSFP-GE-Multi-mode Optical Transceiver,10m LC/PC-LC/PC Multi-mode Patch Cord and Britain type Power Cable)
AR32-200-AC	AR3260,SRU200,4 SIC,2 WSIC,4 XSIC,350W AC Power
AR32-400-AC	AR3260,SRU400,4 SIC,2 WSIC,4 XSIC,350W AC Power

AR3260 Chassis Model	Description
AR3260-100E-AC	AR3260,Service and Router Unit 100E,4 SIC,2 WSIC,4 XSIC,350W AC Pow
AR3260-2X100E-AC	AR3260,2 Service and Router Unit 100E,4 SIC,2 WSIC,4 XSIC,2 350W AC Power
AR3260	AR3260 Integrated Chassis Components
AR3260-FAN	Fan Module for AR3260

Table 6: Main Control Board Options

Main Control Board	Description
AR01SRU2C	Service and Router Unit 40,3GE WAN(2GE Combo),2 USB,3 DSP Slots
AR01SRU3B	Service and Router Unit 80,3GE WAN(2GE Combo),2 USB,3 DSP Slots
AR-SRU200	Service and Router Unit 200
AR-SRU400	Service and Router Unit 400
AR-SRU100EE	Service and Router unit 100EE

Table 7: Power Supply Module Options

Power Module	Description
AR0MPSDP3500	350W DC Power Module
PAC-350WB-L	350W AC Power Module
PAC-850WL- LE	850W AC power module

Table 8: Digital Signal Processor Module Options

DSP Module	Description
AR0MDD016A00	16-channel voice DSP module
AR0MDD032A00	32-channel voice DSP module
AR0MDD064A00	64-channel voice DSP module
AR0MDD128A00	128-channel voice DSP module

Table 9: SIC Interface Module Options

SIC Interface Module	Description
AR0MSDME1A00	1-Port Channelized E1/T1/PRI/VE1 Multiflex Trunk Interface Card
AR0MSDE11A00	1-Port Fractional Channelized E1/T1 WAN Interface Card
AR0MSDME2A00	2-Port Channelized E1/T1/PRI/VE1 Multiflex Trunk Interface Card
AR0MSDE12A00	2-Port Fractional Channelized E1/T1 WAN Interface Card
AR0MSDSA1A00	1-Port Sync/Async Serial Port Interface Card
AR0MSDSA2A00	2-Port Sync/Async Serial Port Interface Card
AR0MSEG1CA00	1-Port GE Combo WAN Interface Card
AR0MSEF2TA00	2-Port FE WAN Interface Card
AR0MSVA4B1A0	4-Port FXS and 1-Port FXO Voice Interface Card
AR01SVB4XA	4-Port FXO Voice Interface Card
AR0MSLA1XA00	1-port ADSL2+ ANNEX A/M WAN Interface Module,Support Wetting Current,Only For Vodafone
AR0MSLA1XA01	1-Port ADSL2+ ANNEX A/M WAN Interface Module
AR0MSLB1XA01	1-Port ADSL2+ ANNEX B/J WAN Interface Module
AR01SLV1XA	1-Port VDSL2 over POTS WAN Interface Module
AR-2VDSL2-S	2-Port VDSL2 over POTS with bonding WAN Interface Card
AR0MSLS1XA00	1-Port 4 Pair G.SHDSL WAN Interface Module
AR0MSDS1XA00	1-Port ISDN S/T WAN Interface Card
AR0MSVS2XA00	2-Port ISDN S/T Voice Interface Module
AR01SDGW1A	3G HSPA+7 Interface Module
AR0MSOPP2A00	1-Port GPON/EPON Dual-mode Interface Card
AR-4ES2G-S	4-Port 1000BASE-RJ45 L2 Ethernet Interface Card(SIC)
AR-1VE1-S	1-Port VE1 Interface card
AR-1LTE-L-S	WCDMA LTE Interface Card
AR-1LTE-LV-S	LTE FDD/DC-HSPA+(NA) Data Card
AR-1LTE-Lo-S	FDD/HSPA+ (700M)Interface Card

Table 10: WSIC and XSIC Interface Module Options

WSIC Interface Module	Description
AR01WAE14A	4-port E1 Inverse Multiplexing for ATM Interface Card
AR01WDFE4A	4-Port Fractional E1 WAN Interface Card
AR01WDFE8A	8-Port Fractional E1 WAN Interface Card
AR01WDCE8A	8-Port Channelized E1/PRI Multiflex Trunk Interface Card
AR-2X10GL-W	2-Port 10GE Optical Ports Interface Card
AR01WEG4SA	4-Port 1000BASE-SFP-L3 Ethernet WAN Interface Card
AR01WEG4SB	4-Port 1000BASE-SFP-L2 Ethernet Interface Card
AR01WEG4TA	4-Port 1000BASE-RJ45-L3 Ethernet WAN Interface Card
AR0MWDAS8A01	8-Port Async Serial Port Interface Card
AR-1STM1-W	1-Port 155M Packet over SDH/Sonet Optical Interface Card
AR-4STM1-W	4-Port 155M Packet over SDH/Sonet Optical Interface Card
AR0MWMF9TT00	8-Port 10/100BASE(RJ45) and 1-Port 10/100/1000BASE(RJ45)-L3 Ethernet Switch Interface Card
AR01WVADXA	16-Port FXS Voice Interface Card
AR01WVAHXA	32-Port FXS Voice Interface Card
AR-1STM4-W	1-Port 622M Packet over SDH/Sonet Optical Interface Card
AR-1CSTM1-W	1-Port 155M Channelized Packet over SDH/Sonet Interface Card(WSIC)
AR-1E3T3M-W	1-Port Channelized/Unchannelized E3/T3 WAN Interface Card
AR-9ES2-W	8 Port 100M-RJ45 and 1 Port 1000M- RJ45 L2 Ethernet Interface Card
AR-8SA-W	8-Port Sync/Async Serial WAN Interface Card
AR-4GECS-W	4-Port GE COMBO WAN Interface Card(support syncE)
AR-6EM-W	6-Port EM(RJ45) Interface Card
AR01WSX220B	Industrial Computer,Celeron 847E,DDR3 4G,2.5inch 1TB HDD,CFAST 4G,NULL

Table 11: XSIC Interface Module Options

XSIC Interface Module	Description
AR0MXEGFTA00	24-Port 10/100/1000 BASE (RJ45)-L2/L3 Ethernet Interface Card
AR01WSX165B	Industrial Computer,Ivy Bridge I5-3610,DDR3 16G,2.5inch 1TB HDD,CFAST 4G,NULL
AR-24ES2GP-X	24-Port 1000/100/10BASE-L2 With POE Ethernet Interface Card(RJ45)*

* Note: The 850W power module is required for the 24-Port 1000/100/10BASE-L2 with POE Ethernet Interface Card.

Table 12: License Options

License	Description
LAR0DATAE04	AR3200 Value-Added Data Package
LAR0AC04	AR3200 AC Express License
LAR0VOICEE04	AR3200 Value-Added Voice Package
LAR0CMBEST01	AR CM&BEST License-5 telephones
LAR0CMBEST02	AR CM&BEST License-25 telephones
LAR0CMBEST03	AR CM&BEST License-100 telephones
LAR0CT01	AR CT(Call Trunk) License-5 sessions
LAR0CT02	AR CT(Call Trunk) License-25 sessions
LAR0CT03	AR CT(Call Trunk) License-100 sessions
LAR0IVR01	AR IVR(Interactive Voice Response) License-1 session
LAR0IVR02	AR IVR(Interactive Voice Response) License-12 sessions
LAR0SECE04	AR3200 Value-Added Security Package
LAR0DSVPN04	AR3200 DSVPN(Dynamic Smart VPN) Function
LAR0IPS04	AR3200 IPS Service Subscribe 1 Year

Table 13: SD Card and USB Disk Options

SD Cards & USB Disks	Description
N0MSD2G00	Storage Medium,Micro SD Card,2GB,2.7~3.6V,English SPEC,Support the Interface of the SD 1.1 Standard,11mm*15mm*1mm (L*W*T),No Adapter and Bar Code,Independence Box,for Datacom Enterprise Network AR production only
N0MSD4G01	Micro SD card,4GB, CLASS6,2.7~3.6V,English SPEC, Compatible with SD Specification Ver.2.0,11mm*15mm*1mm (L*W*T),No Adapter and Bar Code, Independence Box, Datacom Enterprise Network AR production only
NUSBDSK01	Storage USB DISK,4GB,USB 2.0,No document

For more information, visit http://enterprise.huawei.com/en/ or contact the Huawei local sales office.

Professional Service and Support

Huawei Professional Services provides expert network design and service optimization tasks, helping customers design and deploy a high-performance network that is reliable and secure, maximizing return on investment as well as reducing operational expenses.

Company Addendum

For more information, please visit http://enterprise.huawei.com/en/ or contact your local Huawei office.