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Network StandardIEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IPv4, IPv6

Product SegmentAC2900 ultimate AC performance: 750+2167 Mbps

CoverageVery large homes

Data Rate802.11a : 6,9,12,18,24,36,48,54 Mbps
802.11b : 1, 2, 5.5, 11 Mbps
802.11g : 6,9,12,18,24,36,48,54 Mbps
802.11n : up to 450 Mbps
802.11ac : up to 1734 Mbps
1024QAM (2.4GHz) : up to 750 Mbps
1024QAM (5GHz) : up to2167 Mbps

AntennaExternal detachable antenna x 3
Internal antenna x 1

Transmit/ReceiveMIMO technology
2.4 GHz 3 x 3
5 GHz 4 x 4

Processor1.8 GHz dual-core processor

Memory256 MB Flash
512 MB RAM

Wi-Fi TechnologyBeamforming: standard-based and universal
1024-QAM high data rate
20/40/80 MHz bandwidth

Operating Frequency2.4 GHz / 5 GHz

Encryption64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , WPS support

Firewall & Access ControlAccess control : Parental control, Network service filter, URL filter, Port filter

ManagementUPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, Port Trigger, Port Forwarding, DMZ, System Event Log

VPN SupportIPSec Pass-Through
PPTP Pass-Through
L2TP Pass-Through
PPTP server
OpenVPN server
PPTP client
L2TP client
OpenVPN client

WAN Connection TypeInternet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP

UtilitiesRouter setup wizard; Firmware restoration; Device discovery; printer setup utility

PortsRJ45 for Gigabits BaseT for WAN x 1, RJ45 for 10/100/1000/Gigabits

BaseT for LAN x 4
USB 2.0 x 1
USB 3.0 x 1

Features**MU-MIMO**
Traffic Analyzer
Adaptive QoS
WTFast Gamers Private Network
AiProtection
Parental Control
Guest Network : 2.4 GHz x 3, 5 GHz x 3
Mac OS Backup
Enhanced media server (AiPlayer app compatible)
- Image : Jpeg
- Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg
- Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov
AiCloud personal cloud service
3G/4G data sharing
Printer Server
- Multifunctional printer support (Windows only)
- LPR protocol support
Download Master
- Support bt, nzb, http, ed2k
- Support encryption, DHT, PEX and magnet link
- Upload and download bandwidth control
- Download scheduling
AiDisk file server
- Samba and FTP server with account management
IPTV support
Roaming Assist

ButtonWPS Button, Reset Button, Power Button, Wireless on/off Button,
LED on/off Button

LED IndicatorPower x 1
Wi-Fi x 2
WAN x 1
WPS x 1
LAN x 4

Power SupplyAC Input : 110V~240V(50~60Hz)
DC Output : 19 V with max. 1.75 A current

OS SupportWindows® 10
Windows® 8
Windows® 7
Mac OS X 10.6
Mac OS X 10.7
Mac OS X 10.8
Linux

Dimensions220 x 160 x 83.3 ~ mm (WxHxD) (Without Bezel)

Weight872 g

Operation modeWireless router mode
Access point mode
Media bridge mode

- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

- Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.
- Quoted network speeds and bandwidth based on current IEEE 802.11ac specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be 802.11ac-compatible for best results.

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