



ASUS RT-AX89X - Wireless router

8-port switch - 10 GigE - WAN ports: 2 - 802.11a/b/g/n/ac/ax - Dual Band

Group	Network Equipment
Manufacturer	ASUS
Manufacturer item no.	90IG04J1-BM3010
EAN/UPC	4718017122320

Description

The growing number of connected personal and IoT devices has led to an overall increase in network density that is pushing the limits of the current Wi-Fi standard. The 802.11ax standard provides future-proof technologies, higher network efficiency, faster Wi-Fi speeds, greater coverage, and improved battery life for connected devices, providing a significantly better networking experience for users.

Main features

Product Description	ASUS RT-AX89X - wireless router - 802.11a/b/g/n/ac/ax - desktop
Device Type	Wireless router - 8-port switch (integrated)
Enclosure Type	Desktop
WAN Ports Qty	2
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, 10 Gigabit Ethernet, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6)
Frequency Band	2.4 GHz / 5 GHz
Capacity	Guest networks: 6
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, FTP, DHCP, DDNS
Routing Protocol	IGMPv2, IGMP, IGMPv3
Features	Print server, IPv6 support, parental control, Access Point operational mode, download client, event log, Quality of Service (QoS), dual WAN connection, Wi-Fi Protected Setup (WPS), IPSec passthrough, Samba support, FTP server, Multiple SSID support, DNS proxy, port forwarding, ASUS AiDisk, wireless bridge mode, reset button, port triggering, 3G/4G USB Dongle Support, VPN Server, ASUS AiCloud, PPTP passthrough, wireless extender mode, L2TP passthrough, MU-MIMO technology, Adaptive QoS, VPN client, ASUS Router App, NTP client, DMZ support, Traffic Analyser, ASUS AiMesh, ASUS AiProtection Pro, OpenVPN client, Orthogonal Frequency Division Multiple Access (OFDMA), IPTV support, NAT passthrough
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, UPnP, IEEE 802.11ac, IEEE 802.11ax



Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	34.364 cm x 34.364 cm x 8.002 cm
Weight	1.28 kg
System Requirements	Apple MacOS X 10.6, Apple MacOS X Lion 10.7, Apple OS X 10.8 Mountain Lion, Microsoft Windows 7 / 8 / 10

Extended details

General	
Device Type	Wireless router - 8-port switch (integrated)
Enclosure Type	Desktop
Connectivity Technology	Wireless, wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, 10 Gigabit Ethernet, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6)
Frequency Band	2.4 GHz / 5 GHz
Capacity	Guest networks: 6
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, FTP, DHCP, DDNS
Routing Protocol	IGMPv2, IGMP, IGMPv3
Encryption Algorithm	MPPE, WPA-PSK, WPA2-PSK, WPA-Enterprise, WPA2-Enterprise, WPS, WPA3-Personal
Wi-Fi Rating	AX6000
Features	Print server, IPv6 support, parental control, Access Point operational mode, download client, event log, Quality of Service (QoS), dual WAN connection, Wi-Fi Protected Setup (WPS), IPSec passthrough, Samba support, FTP server, Multiple SSID support, DNS proxy, port forwarding, ASUS AiDisk, wireless bridge mode, reset button, port triggering, 3G/4G USB Dongle Support, VPN Server, ASUS AiCloud, PPTP passthrough, wireless extender mode, L2TP passthrough, MU-MIMO technology, Adaptive QoS, VPN client, ASUS Router App, NTP client, DMZ support, Traffic Analyser, ASUS AiMesh, ASUS AiProtection Pro, OpenVPN client, Orthogonal Frequency Division Multiple Access (OFDMA), IPTV support, NAT passthrough
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, UPnP, IEEE 802.11ac, IEEE 802.11ax
Processor	1 x 2.2 GHz
RAM	1 GB
Flash Memory	256 MB
Line Properties	
Line Coding Format	OFDMA
Expansion / Connectivity	
Interfaces	WAN: 1 x 10Base-T/100Base-TX/1000Base-T - RJ-45 LAN: 8 x 10Base-T/100Base-TX/1000Base-T - RJ-45 USB 3.1 Gen 1: 2 x WAN / LAN: 1 x 10GBase-T - RJ-45 LAN: 10Gb Ethernet - SFP+
Aerial	
Aerial	External
Antenna Qty	8
Power	



Power Device	External power adapter
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Voltage Required	AC 120/230 V (50/60 Hz)
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Miscellaneous

Cables Included	1 x network cable
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Software / System Requirements

OS Required	Apple MacOS X 10.6, Apple MacOS X Lion 10.7, Apple OS X 10.8 Mountain Lion, Microsoft Windows 7 / 8 / 10
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Dimensions & Weight

Width	34.364 cm
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Depth	34.364 cm
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Height	8.002 cm
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Weight	1.28 kg
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