

## ASUS RT-AC86U wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black

Brand : ASUS

Product code: RT-AC86U

Product name : RT-AC86U

IEEE 802.11a/b/g/n/ac, 750+2167 Mbps, 2.4/5 GHz, 256MB Flash, 512MB RAM, 1x RJ-45 WAN, 4x RJ-45 LAN, 1x USB 2.0, 1x USB 3.0, QoS

ASUS RT-AC86U. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 4 (802.11n), WLAN data transfer rate (max): 2917 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n. Security algorithms: 64-bit WEP, 128-bit WEP, IPSec, WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, WPS. Product type: Tabletop router, Product colour: Black, LED indicators: LAN, Power, WAN, WLAN, WPS. Cables included: LAN (RJ-45)



<b>WAN connection</b>		<b>Security</b>	
Ethernet WAN *	✓	DMZ support	✓
DSL WAN *	✗	<b>Protocols</b>	
SIM card slot *	✗	Universal Plug and Play (UPnP)	✓
3G/4G USB modem compatibility *	✓	<b>Design</b>	
<b>Wireless LAN features</b>		Product colour	Black
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	LED indicators	LAN, Power, WAN, WLAN, WPS
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	On/off switch	✓
WLAN data transfer rate (max) *	2917 Mbit/s	Product type *	Tabletop router
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n)	<b>Packaging content</b>	
WLAN data transfer rate (first band)	750 Mbit/s	Cables included	LAN (RJ-45)
WLAN data transfer rate (second band)	2167 Mbit/s	AC adapter included	✓
Modulation	1024-QAM	Quick start guide	✓
Channel bandwidth	80 MHz	<b>Antenna</b>	
<b>Network</b>		Antenna design *	Internal & external
Ethernet LAN *	✓	Antenna gain level (max)	3 dBi
Ethernet LAN interface type *	Gigabit Ethernet	Antennas quantity	4
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Features</b>	
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Built-in processor	✓
Port forwarding	✓	Processor frequency	1800 MHz
VPN support	IPSec, PPTP, L2TP, PPTP, OpenVPN	Processor cores	2
<b>Mobile network</b>		Certification	Event
3G	✗	<b>Power</b>	
4G	✗	Power source type *	AC
<b>Ports &amp; interfaces</b>		AC input voltage	110 - 240 V
Ethernet LAN (RJ-45) ports *	4	AC input frequency	50 - 60 Hz
USB port *	✓	Output voltage	19 V
		Output current	1.75 A

Ports & interfaces		Operational conditions	
USB 2.0 ports quantity	1	Operating temperature (T-T)	0 - 40 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Storage temperature (T-T)	0 - 70 °C
Memory card slot(s)	✗	Operating relative humidity (H-H)	50 - 90%
DC-in jack	✓	Storage relative humidity (H-H)	20 - 90%
Management features		System requirements	
Web-based management	✓	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Quality of Service (QoS) support	✓	Linux operating systems supported	✓
Reset button	✓	Mac operating systems supported	Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion
WPS push button	✓	Mac compatibility	✓
Security		Weight & dimensions	
Security algorithms	64-bit WEP, 128-bit WEP, IPSec, WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, WPS	Width	220 mm
Firewall	✓	Depth	83.3 mm
Filtering	✓	Height	160 mm
URL filtering	✓	Weight	872 g
System event log	✓		



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