

# WIFI-RT3593-DB

Wireless LAN Module

## Features



## Specifications

Connectors	
Connectors	3 x U.FL (I-PEX) antenna connectors
Controller Chip	
Controller Chip	Ralink RT3593
Dimensions	
Dimensions	28 mm x 30 mm x 4 mm
Environment	
Humidity	Operating: 10% ~ 90%, non-condensing Storage: 5% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 70°C
Safety & EMC	CE/FCC/TELEC
Storage Temperature	-40°C ~ 150°C
Frequency Range	
Frequency Range	2.4/5GHz
I/O Interface	
I/O Interface	PCIe Mini card
Modulation Type	
Modulation Type	802.11a (OFDM) 802.11b (DSSS): CCK, DQPSK, DBPSK 802.11g (OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11n (OFDM): BPSK, QPSK, 16-QAM, 64-QAM
Power	
Power consumption	430mA@3.3V in continuous Tx 460mA@3.3V in continuous Rx
Rate	
Rate	450 Mbps PHY rate in 3T3R mode
Receiver Sensitivity	
Receiver Sensitivity	802.11a: -71dBm (Typical) at 54 Mbps 802.11b: -80dBm (Typical) at 11 Mbps

	802.11g: -73dBm (Typical) at 54 Mbps
	802.11n: -71dBm (Typical) at 450 Mbps
<b>Security</b>	
Security	WEP 64/128, WPA, WPA2, WAPI
<b>Standards</b>	
Standards	IEEE 802.11a/b/g/n, Wi-Fi compliant
<b>System</b>	
Supported OS	WindowsR XP, CE6.0, XPE, 2000, ME, 98SE, Vista 32/64, WindowsR 7 32/64, MAC
<b>Weight</b>	
Weight	NW: 11g

## Ordering Information

WMUSB-V01-R20	802.11 b+g Wireless USB module with VIA VT6656,RoHS
WIFI-RT3593-DB-R10	Wifi module with RT3593 single chip, 3T3R, dual band;ROHS
WMPCIE-V02-R10	IEEE802.11a/b/g/n/ac Wireless with Bluetooth 4.0/3.0+HS Mini-PCIE module with Realtek RTL8821AE,RoHS