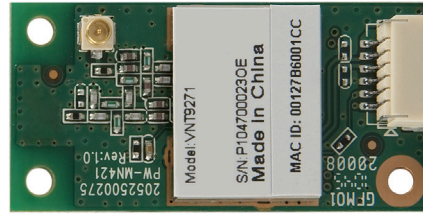


Wireless Accessories

VIA

VNT9271/EMIO-1533

IEEE 802.11b/g/n USB Wi-Fi
Module/Dongle



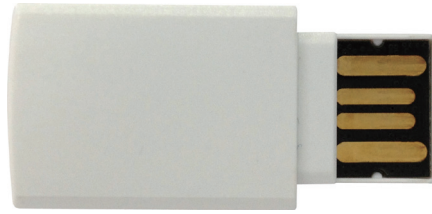
Features

- Supports standard 802.11N 1T1R
- Controller chip: Atheros AR9271
- Wireless speed up to 150Mbps
- Compatible with 11b/g and 11N devices
- Supports 802.11e Wi-Fi Multimedia (WMM)
- Supports wireless roaming
- Supports 64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK and 802.1X security mode
- Support for Android, Linux, and Windows® 8.1/8/7

Specifications

Model Name	EMIO-1533 USB Wi-Fi Module	
Wireless	Standard	IEEE 802.11b/g/n
	Frequency Band	2400 ~ 2483.5MHz ISM band
	Data Transfer Rates	11N: 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps
		11g: 54/48/36/24/18/12/9/6 Mbps (dynamic)
		11b: 11/5.5/3/2/1 Mbps (dynamic)
	Channel	11 channels for United State (FCC) 13 channels for Europe (ETSI) 13 channels for Japan (TELEC)
	Extend Frequency	DSSS
	Modulation Type	OFDM
	RF Power	11b : 16.5 +/- 1.5dBm
		11g : 13.5 +/- 1.5dBm
11n : 13.5 +/- 1.5dBm		
Receive Sensitivity	11b : -80+/- 1.5dBm	
	11g : -69+/- 1.5dBm	
	11n : -67+/- 1.5dBm	
Wireless Security	64/128/152 bit WEP WPA/WPA2, WPA-PSK/WPA2-PSK	
General	Antenna Connector Type	1 coaxial cable antenna connector
	Operating Voltage	5 VDC +/- 10%
	Power Consumption	Typical full load(upload) - 270~300mA
		Typical full load(download) - 150~210mA
Interface	USB 1.1/2.0 Interface	
Mechanical	Dimensions	17mm(W) x 4.9mm(H) x 35mm(D) (0.67" x 0.19" x 1.38")
Environment	Operating Temperature Condition	0°C to 80°C
	Non-Operating Temperature Condition	-40°C~80°C
	Operating Humidity Condition	10%~90% non-condensing
	Non-Operating Humidity Condition	10%~90% non-condensing
Certification	Compliant	FCC/ CE/ NCC/ MIC





Specifications

Model Name	VNT9271 USB Wi-Fi Dongle	
Wireless	Standard	IEEE 802.11b/g/n
	Frequency Band	2400 ~ 2483.5MHz ISM band
	Data Transfer Rates	11N: 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6 Mbps (dynamic) 11b: 11/5.5/3/2/1 Mbps (dynamic)
	Channel	11 channels for United State (FCC) 13 channels for Europe (ETSI) 13 channels for Japan (TELEC)
	Extend Frequency	DSSS
	Modulation Type	OFDM
	RF Power	• 11b : 16.5 +/- 1.5dBm • 11g : 13.5 +/- 1.5dBm • 11n : 13.5 +/- 1.5dBm
	Receive Sensitivity	11b: -85dBm 11g: -68dBm 11n: -68dBm
	Wireless Security	64/128/152 bit WEP WPA/WPA2, WPA-PSK/WPA2-PSK
	General	Antenna Connector Type
Operating Voltage		5 VDC +/- 10%
Interface		USB 1.1/2.0 Interface
Mechanical	Dimensions	16.2mm(W) x 6.1mm(H) x 34.98mm(D) (0.64" x .024" x 1.38")
Environment	Operating Temperature Condition	0°C to 50°C
	Non-Operating Temperature Condition	-40°C~70°C
	Operating Humidity Condition	10%~90% non-condensing
	Non-Operating Humidity Condition	10%~90% non-condensing
Certification	Compliant	FCC/ CE/ NCC

Ordering Information

Part Number	Description
EMIO-1533-00A2	VNT9271 IEEE 802.11b/g/n USB Wi-Fi module with assembly kit
00GO27100BU2B0D0	VNT9271 IEEE 802.1 b/g/n USB Wi-Fi dongle

Packing List

Items

EMIO-1533 module
2 Screw pack with washers and nuts
Dipole antenna and antenna cable
USB transmittal cable

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[VIA Technologies:](#)

[00GO27100BU2B0D0](#) [EMIO-1533](#) [VNT9271 dongle](#) [EMIO-1533-00A2](#) [00GO27100B62T050](#) [VNT9271 module](#)