

VNT6656AU USB Dongle

DETAILS



WLAN 802.11b/g USB module enables high-speed 54Mbps wireless connections to LAN services. Integrated WLAN into USB 2.0 devices makes it more convenient to get on the net everywhere you are.

The VIA Networking WLAN USB dongle solution is the innovative design of VNT's wireless chipset. The WLAN module based on VIA Networking VT6656 is fully compliant with IEEE's security and 802.11g standards. Enabling data rates between wireless devices of up to 54Mbps, it can deliver the bandwidth necessary for real-time streaming of high-definition digital multimedia content in home networks, and provide high-speed email, web and LAN access to multiple mobile users in corporate environments or public hotspots.

Frequency Band: 2400-2483.5MHz(for US, Canada)·2400-2483.5MHz(for Europe)
Operating Channel: 11 Channels(US, Canada)
13 Channels(Europe, Japan)
Modulation Type: QPSK, BPSK, CCK, OFDM
Data Rate: Up to 54Mbps
Antenna: To support one chip antenna or external antenna via connector
Radiation Power: 13-17Bm at maximum radition direction
Power Consumption: 384 uA@5V, Suspend/ high speed mode ·259 mA@5V, Active/ high speed mode
Receiver Sensitivity: Min -71dBm@54Mbps, PER<8% ·Min -84dBm@11Mbps, PER<8%
Compliant: FCC Part 15 B, C(USA); CE ETSI 300-328(Europe) ; USB-IF

Media Access Controller/ Baseband Controller

Chip: Vt6656
Media Access Protocol: CSMA/ CA(Collision Avoidance) with ACK
USB Interface
Host Interface: Support USB2.0/1.1 standard
Driver Supporting
Operating System: Windows: 98SE/ Me/ NT/ 2000/ XP/ 2003 Ser., Linux(2.4.x/2.6.x), CE(4.2/5.0b)
Mechanical
Physical Dimension: Without case: 75x24x4mm(with connector), 60x24x4mm(without connector)
With case: 78x27x9mm(with connector), 76x27x9mm(without connector)
Weight: 10g
Environmental Requirement
Operating Temperature: 0°C to 55°C in Operating
-20°C to 70°C in Storage
Operating Humidity: 0% to 70% in Operating