



ENL-Q6174A (QCNFA364A)

Wi-Fi (11a/b/g/n/ac 2Tx2R) + BT (V5.0 LE) Combo
Solution M.2 2230

Focus Application : Station mode and AP mode with less connections

Model No.	ENL-Q6174A(QCNFA364A)
Chipset Vendor	Qualcomm
Chipset part no.	QCA6174A
Electrical Interface	WLAN @ PCIE / BT @ USB
OS support	Linux/Android/windows

Description

Specifications

Wi-Fi Protocol	IEEE 802.11 ac/a/b/g/n
Bluetooth version	Bluetooth V5.0
Interface	Form Factor : M.2 A-E key 2230 Electrical Signal : Wi-Fi : PCIE / Bluetooth : USB
RADIO	
Data Stream	2 data streams with 2 HMF4 RF connectors
Operating Frequency	2.412 GHz ~ 2.480 GHz 5.150 GHz ~ 5.850 GHz *Subject to local regulations
Chipset	Qualcomm
SIZE	
Dimension (mm)	30.00(±0.15) x 22.00(±0.15) mm
Weight (g)	2,5
ENVIRONMENTAL	
Operating Voltage	DC 3.3V
Operating Temperature Range	-40~85 °C
SOFTWARE	
Driver	Andriod/Linux/Windows
Chipset Official Driver	Availiable by requested.

POWER AND SENSITIVITY

	Power – TX	Sensitivity – RX
Wi-Fi	802.11b @11Mbps : 18 dBm ± 2 dB 802.11g @54Mbps : 16 dBm ± 2 dB 802.11n @MCS7 : 15 dBm ± 2 dB 802.11a @54Mbps : 14 dBm ± 2 dB 802.11an @MCS7 :13.5 dBm ± 2 dB 802.11ac @MCS9 : 11 dBm ± 2 dB	802.11b: Less than IEEE Standard -76dBm 802.11g / 802.11a: Less than IEEE Standard -82dBm @ 6Mbps Less than IEEE Standard -65dBm @54Mbps 802.11n: HT20: Less than IEEE Standard -82dBm @ MCS0 Less than IEEE Standard -64dBm @ MCS7 HT40: Less than IEEE Standard -79dBm @ MCS0 Less than IEEE Standard -61dBm@ MCS7 HT80: Less than IEEE Standard -76dBm @ MCS0 Less than IEEE Standard -51dBm @ MCS9
Bluetooth	0 ≤ Output Power ≤ +5; Class 1 Device	< 0.1% BER at -70dBm

This module is with "World-Wide Certification" including FCC/CE/IC/TELEC/KCC...etc, please contact us for further information.
Antenna Filings are available now.

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