

Delock Module M.2 Key A+E male > WLAN 11ac/a/b/g/n + Bluetooth 4.0

Description

This M.2 module by Delock can be inserted into an M.2 slot with key A or key E. It provides one WLAN interface which exchanges signals via PCIe with the system and one Bluetooth interface which exchanges signals via USB with the system.



Item no. 95254

EAN: 4043619952540 Country of origin: China Package: Retail Box

Specification

Connectors:

1 x 59 pin M.2 key A+E male 2 x I-PEX Inc., MHF® I plug • Chipset: Realtek RTL8821AE

• Interface: PCle 1.1 + USB 1.1

• Form factor: M.2 2230

Suitable for M.2 slot with key A or key E based on PCle and USB

• WLAN

Frequency range: 2.4 GHz and 5 GHz Compatible with IEEE 802.11ac/a/n/b/g

Data transfer rate: 11ac up to 433.3 Mb/s, 11n up to 150 Mb/s, 11a/g up to 54 Mb/s Supports IEEE 802.11e Quality of Service (QoS) for Multimedia applications (WMM)

Supports IEEE 802.11i WPA and WPA2

Supports WiFi Direct, WAPI

Bluetooth

Frequency range: 2400 ~ 2483.5 MHz

Supports BT 4.0 dual mode with simultaneous LE and BR/EDR use

Supports AFH

Bluetooth downwards compatible to 3.0 and 2.1





Current consumption: 3.3 V / 500 mA
 Operating temperature: 0 °C ~ 55 °C

• Storage temperature: -5 °C ~ 65 °C

 \bullet Operating humidity: 10 ~ 90 %

• Storage humidity: 5 ~ 90 %

• Dimensions (LxWxH): ca. 30.0 x 22.0 x 2.5 mm

System requirements

- Linux Kernel 3.17 or above
- Windows 7/7-64/8.1/8.1-64/10/10-64/11
- A free M.2 key A or key E slot

Package content

- M.2 module
- User manual

Images







General

Form factor:	M.2 2230
Supported operating system:	Linux Kernel 3.17 or above Linux Kernel 4.x or above Windows 10 32-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows 11

Interface

Connector 1:	1 x 59 pin M.2 key A+E male
Connector 2:	2 x I-PEX Inc., MHF® I plug

Technical characteristics

Chipset:	Realtek RTL8821AE
Storage temperature:	-5 °C ~ 65 °C
Operating temperature:	0 °C ~ 55 °C
Humidity:	10 ~ 90 %
Interface:	PCI Express
Current consumption:	3.3 V / 500 mA

Physical characteristics

Length:	30 mm
Width:	22 mm
Height:	2.5 mm