

深圳市翼联网络通讯有限公司



SHENZHEN EDUP ELECTRONICS
TECHNOLOGY CO.,LTD

产品规格书

PRODUCT SPECIFICATION

地址：深圳市龙岗区南湾街道丹竹头社区
康正路 48 号莲塘工业区 6 号楼 6 楼
Address: 6 Floor, #6 Building, No.48,
Kangzheng Road Liantang Industrial Area,
Buji Town, Shenzhen, China
电话 (Tel) : 0755-83648350
网址 (Website) : www.edup.cn
邮箱 (E-mail) : zhoumi@edup.cn

EP-AX1672 产品规格书

EP-AX1696S PRODUCT SPECIFICATION

客户名称:

CUSTOMER: _____

规格:

SPECIFICATION: _____ EP-AX1672

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供方签章:

SUPPLIER:

需方签章:

CUSTOMER:

日期 DATE:

日期 DATE:

翼联网络 EDUP	产品规格书 PRODUCT SPECIFICATION	版本号 EDITION NO.	
	型号 MODEL: EP-AX1672	文件编号 FILE NO.	

1. 产品简介 Introduction

本产品是一款拥有 WiFi6E 模块的网络适配器，在三频(2.4 GHz、5 GHz 和 6GHz)上运行，具有高数据速率和内置模块，可实现更强的信号接收。它兼容各种 Windows 操作系统，支持多种 WiFi 标准。

This product is a network adapter with WiFi6E module, operating on three frequency (2.4 GHz, 5 GHz and 6 GHz), with high data rate and built-in module for stronger signal reception. It is compatible with various Windows operating systems and supports several WiFi standards.

2. 产品外观 Appearance



3. 关键特性 Key features

关键特性 Key features	WiFi 6E	
	三频	2.4GHz 573.5Mbps.
	Three band frequency.	5GHz 1201Mbps
		6GHz 1201Mbps
	驱动光盘或在线下载驱动。 DriverCD or download the driver online.	
内置 FEM(PA+LNA)模块，产生更强的信号和更宽的信号接收范围。 Built-in FEM(PA+LNA)module,creates stronger signal and wider signal receiving range.		
1024-QAM 高数据速率调制提供强大，连续的 Wi-Fi，充分释放 Wi-Fi6 路由器的潜力。 1024-QAM high data rate Modulation delivers powerful,continuous Wi-Fi to fully unlock the		

	potential of Wi-Fi6 router.
	支持 Windows10(32/64 位)、Windows11(64 位)、Linux Supports Windows 10(32/64bits)/11(64bits)、Linux
	与 802.11ax/ac/a/b/g/n 设备无缝兼容。 Seamlessly compatible with 802.11ax/ac/a/b/g/n devices.

4. 技术参数 Specifications

芯片组 Chipset	MTK7921AU
接口 Interface	USB3.0 高速连接 USB3.0 Hi-Speed connector.
无线速度 Wireless Speed	2.4GAX:600Mbps(20/40MHz) 5GAX:1200Mbps(20/40/80MHz), 6G AX:1201Mbps(20/40/80MHz)
频率范围 Frequency Range	2.4GHz&5GHz&6GHz
无线发射功率 Wireless Transmit Power	20dBm(MAXEIRP)
调制技术 Modulation Technique	BPSK,QPSK,16QAM,64QAM,256QAM,1024QAM
工作模组 Work Mod	Ad-Hoc/Infrastructure
无线安全 Wireless Security	64/128bits WEP,WPA/WPA2,WPA-PSK/WPA2-PSK(TKIP/AES)/WPA3
温控范围 Temperature Range	工作温度:-20°C ~ 70°C, 存储温度:-40°C ~ 90°C Operating:-20°Cto70°C,Storage:-40°Cto90°C
湿度 Humidit	操作:5% ~ 95%(无冷凝), 储存:最大 90%(无冷凝)。 Operating:5% to 95%(non-condensing),Storage:Max.90%(non-condensing).
支持操作系统 Support Operating System	Windows10(2.4GHz, 5Ghz)/Windows11(2.4GHz, 5Ghz, 6GHz)/Linux(2.4GHz, 5Ghz, 6GHz)
尺寸 (高 x 宽 x 厚) Dimensions(HxWxD)	86.5x32.5x11.5mm

5. 2.4GHz 和 5.8GHz 射频性能表 RF Performance Table for 2.4GHz and 5.8GHz

	数据速率 Data Rate	发射功率 TX Power	公差 Tolerance
2.4GHz 802.11b	1Mbps	17dBm	±2dB
	11Mbps	17dBm	±2dB
2.4GHz 802.11g	6Mbps	15dBm	±2dB
	54Mbps	14dBm	±2dB
2.4GHz 802.11n 20MHz	MCS0	14dBm	±2dB
	MCS7	13dBm	±2dB
	MCS8	13dBm	±2dB

2.4GHz 802.11n 40MHz	MCS0	14dBm	±2dB
	MCS9	13dBm	±2dB
5.8GHz 802.11ac 80MHz	MCS0	16dBm	±1.5dB
	MCS11	13dBm	±1.5dB
5.8GHz 802.11ax 80MHz	MCS0	15dBm	±1.5dB
	MCS11	12dBm	±1.5dB

	数据速率 Data Rate	RX 规格灵敏度 RX Specifications Sensitivity	公差 Tolerance
2.4GHz 802.11b	1Mbps	-95dBm	±2dB
	11Mbps	-89dBm	±2dB
2.4GHz 802.11g	6Mbps	-92dBm	±2dB
	54Mbps	-75dBm	±2dB
2.4GHz 802.11n 20MHz	MCS0	-92dBm	±2dB
	MCS7	-75dBm	±2dB
	MCS8	-71dBm	±2dB
2.4GHz 802.11n 40MHz	MCS0	-89dBm	±2dB
	MCS9	-67dBm	±2dB
5.8GHz 11a	6Mbps	-94dBm	±2dB
	54Mbps	-78dBm	±2dB
5.8GHz 802.11ac 80MHz	MCS0	89dBm	±2dB
	MCS11	-64dBm	±2dB
5.8GHz 802.11ax 80MHz	MCS0	-82dBm	±2dB
	MCS11	-53dBm	±2dB