

## ME6922 F5 Industrial Qualcomm® QCN9024 Embedded 802.11ax 2x2 MIMO Mini-PCle 3.0 WiFi Module

### Features

ME6622 F5 is an embedded wireless module with Mini-PCle interface. It adopts Qualcomm® QCN6024 chip, conforms to 802.11ax Wi-Fi 6 standard, supports AP and STA functions, and has 2x2 MIMO and 2 spatial streams at the same time. The transmission efficiency is higher than that of the previous generation of wireless network cards, and it has the function of dynamic frequency selection (DFS).



### Specification

CHIP	QCN9024
IEEE STANDARD	IEEE 802.11ax
INTERFACE	PCI Express 3.0, Mini-PCle
WORKING VOLTAGE	3.3V
FREQUENCY RANGE	5GHz: 5180~5320GHz, 5745~5825GHz
MODULATION TECHNIQUE	OFDMA: 16-QAM, 64-QAM, 256-QAM, 1024-QAM
OUTPUT POWER (SINGLE CHANNEL)	5GHz 802.11a/an/ac/ax: Max. 19dBm
POWER CONSUMPTION	≤9W
BANDWIDTH	5G: 20/40/80/160MHz
ANTENNA INTERFACE	2x U.FL
OPERATION REQUIREMENT	Temperature: -20°C to 70°C / Humidity: 95% (non-condensing)
STORAGE REQUIREMENT	Temperature: -40°C to 90°C / Humidity: 90% (non-condensing)
CERTIFIED	REACH & RoHS compliance
WEIGHT	18g