

EWM-W149P

802.11 a/b/g/n USB 4-Pin WiFi Module Card



Features

- IEEE 802.11 a/b/g/n dual-band (2.4 and 5 GHz) standard
- 2Tx / 2Rx
- Up to 300 Mbps data rate
- 64/128-bit WEP, WPA, WPA2
- Operating temperature: 0 to +60° C

Specifications

Main Chipset	Ralink RT5572
Tx/Rx	2Tx/ 2Rx
Standard Conformance	802.11 a/b/g/n
RF Connector	2 x U.FL connectors
Form Factor	USB 4-Pin
Interface	4-pin pin-Header
Operation Voltage	DC 5V ±10%
Power Consumption	Max: 410mA
Security	WEP 64/128-bit, WPA, WPA2
OS Supported	Windows XP/ Vista/ 7, Linux
Temperature Ranges	Operation: 0 to +60° C
Dimensions (L x W x H)	42 x 25 x 6.0 mm

Ordering Information

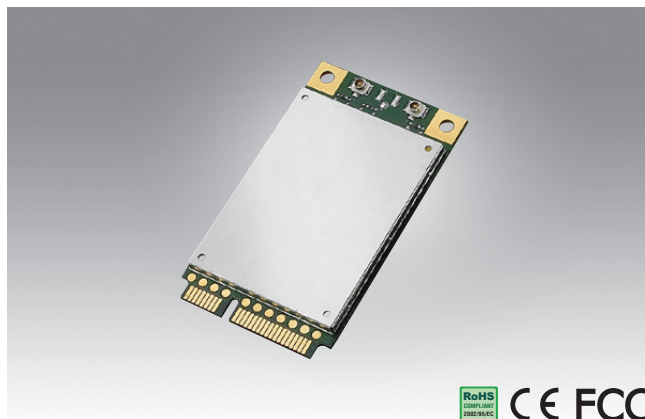
Part No.	Product Description
EWM-W149P01E	802.11 a/b/g/n, Ralink RT5572, USB 4-pin Module Card

Suggested Antenna and Cable

Part No.	Specifications
1750002842	WiFi Dual band-2.4 and 5G Antenna
1750006043	WiFi Coaxial Cable, 150 mm
1750006010	WiFi Coaxial Cable, 200 mm
1750005885	WiFi Coaxial Cable, 230 mm

EWM-C106FT

HSPA Full-size Mini PCIe Card



Features

- 850/1900/2100 MHz for WCDMA network
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- Downlink: 7.2 Mbps, Uplink: 5.76 Mbps
- Operating temperature: -20 to +65° C

Specifications

Main Chipset	Qualcomm MSM6290
Antenna	2 RF Antenna Coaxial Connectors
Band	WCDMA: 850/ 1900/ 2100 MHz EDGE/ GPRS/ GSM: 850/ 900/ 1800/ 1900 MHz
Data throughput	Downlink: 7.2 Mbps Uplink: 5.76 Mbps
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3 ~ 3.6V
Power Consumption	< 800 mA (HSUPA data transfer)
Peak Current (Max.)	2.5 A
OS Supported	Win XP/Vista/7, ARM WinCE 5.0/6.0, Linux
Temperature Ranges	Operation: -20 to +65° C
Dimensions (L x W x H)	51.00 x 30.00 x 4.60 mm

Ordering Information

Part No.	Product Description
EWM-C106FT01E	HSPA Full-size Mini PCIe Card

Suggested Antenna and Cable

Part No.	Specifications
1750005865	824-960 MHz, 1710-2170 MHz dipole antenna, 109 mm
1750006083	900/ 1800/ 1900/ 2100 MHz dipole antenna, 92 mm
1750006426	824-960 MHz, 1710-2170 MHz dipole antenna, 169.5 mm
1750005866	Coaxial GSM/ GPS Cable, 100 mm
1750006009	Coaxial GSM/ GPS Cable, 250 mm