

Dell Wireless DW5826E - wireless cellular modem - 4G LTE Advanced(DELL-9WCV5)

Dell Wireless DW5826E - Wireless cellular modem - 4G LTE Advanced - M.2 Card



The Dell Wireless DW5826E is designed for seamless connectivity and effective performance in various environments. With built-in GPS, GLONASS, Galileo, QZSS, and BDS, this internal wireless cellular modem provides comprehensive geolocation capabilities, ensuring precise tracking and navigation. Optimized for 4G LTE communication, including LTE Advanced, this modem supports multiple cellular protocols such as WCDMA, FDD LTE, and TDD LTE, making it suitable for diverse applications and regions. Operational in extreme conditions, the DW5826E functions effectively in temperatures ranging from -40°C to 85°C. Its M.2 card form factor allows for easy installation, while features like 2x2 MIMO technology and wake on WAN (WOW) capability enhance network efficiency. eSIM support facilitates convenient service activation, making this modem a versatile choice for mobile broadband needs.

Key Selling Points

- Built-in GPS and multi-GNSS support for accurate geolocation
- Wide operating temperature range from -40°C to 85°C
- Supports 4G LTE and LTE Advanced for high-speed connectivity
- 2x2 MIMO technology for improved network performance
- ESIM support for easier service activation

Product Features

- Robust geolocation capabilities**
Integrated GPS, GLONASS, Galileo, QZSS, and BDS ensure precise location tracking and navigation globally.
- Extreme operating range**
This modem operates efficiently in temperatures between -40°C and 85°C, making it suitable for harsh environments.
- High-speed mobile broadband**
Supports various cellular protocols including WCDMA, LTE, LTE Advanced, FDD LTE, and TDD LTE for versatile connectivity.
- Advanced networking features**
Equipped with 2x2 MIMO technology and wake on WAN (WOW) to optimize network performance.
- Flexible service activation**
ESIM support allows for quick and easy service activation, enhancing user convenience.

Main Specifications

Product Description	Dell Wireless DW5826E - wireless cellular modem - 4G LTE Advanced
Device Type	Wireless cellular modem - M.2 Card
Form Factor	Internal
Mobile Communication Protocol	WCDMA, LTE, LTE Advanced, FDD LTE, TDD LTE
Power	3.3 V
Dimensions (WxDxH)	3 cm x 4.2 cm x 0.23 cm
Weight	6.9 g
Manufacturer Warranty	1-year warranty

Extended Specification

General

Device Type	Wireless cellular modem
Form Factor	Internal
Built-in Devices	GPS, GLONASS, BDS, Galileo, QZSS

Manufacturer Warranty

Service & Support	Limited warranty - 1 year
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Networking

Features	Wake on WAN (WOW), eSIM support, WWAN support, 2x2 MIMO technology
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Power

Voltage Required	3.3 V
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Environmental Parameters

Min Operating Temperature	-40 °C
Max Operating Temperature	85 °C

Modem

Bus	M.2 Card
Connectivity Technology	Wireless
Processor	Qualcomm
Mobile Communication Protocol	WCDMA, LTE, LTE Advanced, FDD LTE, TDD LTE

Dimensions & Weight

Width	3 cm
Depth	4.2 cm
Height	0.23 cm
Weight	6.9 g

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet