

FRANKLIN WIRELESS

4G (WiMAX) Single Mode
Mini PCI Express Card

M600W



Dedicated WiMAX solution from the industry leader

Key Features

- WiMAX
- 2 Antenna Connectors
- Tx Diversity for WiMAX
- PnP (Plug & Play)
- AT Commands Interface
- Software Development Kit (SDK)
- Application Program Interface (API)
- Windows® 7/Vista /XP, Mac
Linux, Android

Multi-Purpose

Designed for various applications including Laptops, Netbooks, PMP, Tablets, and M2M Devices.



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Creating a Networked Lifestyle™

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Specifications

Technology

- BCSM250 Chipset
- IEEE 802.16e-2005/WiMAX Wave 2
- Tx Diversity on WiMAX

Bands

- WiMAX : 2.5GHz
 - 2.5GHz WiMAX
 - +22 dBm @ (16QAM) / 40 dB

Data Speeds

- 2.5GHz WiMAX
 - Down link : up to 38Mbps
 - Up link : up to 7Mbps

Antenna

- Antenna Connectors ; 2ea
 - WiMAX main antenna connector ; 1ea
 - WiMAX diversity antenna connector ; 1ea

Standards / Approvals / Certifications

- FCC / OMA-DM
- Microsoft WHQL / IOT Compliant
- WiMAX Forum® certification

Applications

- Internet and Intranet E-mail
- VPN

Additional Functionality

- Software Development Kit (SDK)
- Application Program Interface (API)

Minimum System Requirements

- Processor (CPU) 667MHz or Faster
- Memory 128MB
- Disk Space 100MB

Power Consumption

- Voltage: 3.0 ~ 3.6V
- Max Power current: under 400mA
- Idle current: 250mA

Dimensions

- 30 x 51 x 5mm (1.18 X 2.0 X 0.19 inch)
- Weight: 10g

Host Interface

- Mini PCI Express
- USB 2.0

Operating Systems

- Windows® 7 / Vista / XP
- MAC OS X
- Linux
- Android

Environmental

- Operating Temperature: -20 to +60°C
- Storage Temperature: -30 to +70°C



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