Product Description

The Intel® WiMAX/WiFi Link 5150 is an IEEE 802.16e and 802.11a/b/g/Draft-N wireless network adapter that operates in the 2.5 GHz spectrum for WiMAX and 2.4 GHz and 5.0 GHz spectra for Wi-Fi. This adapter, available in both Mini Card and Half Mini Card form factors, delivers up to 13 Mbps downlink and 3 Mbps uplink performance over WiMAX and up to 300 Mbps Tx/Rx over Wi-Fi. This integrated module, embedded in new Intel® Centrino® 2 processor technology notebooks, provides flexible and convenient connectivity to both WiMAX and Wi-Fi networks to enhance today's mobile lifestyle.

### Intel® WiMAX/WiFi Link 5150

#### Feature

- **Mobile Performance**
  - 300 Mbps ready
  - Up to 2x greater range
  - Industry-leading power consumption

- **Manageability and Security**
  - Intel® Active Management Technology
  - Advanced Security via 802.11
  - Intel® PROSet v12.2

- **Interoperability**
  - IEEE 802.11a/b/g/Draft-N compliant
  - Support for Cisco Compatible Extensions v4
  - Connect with Intel® Centrino® processor technology

#### Benefit

- Broadband connectivity for rich Internet experience while on the go with open-standards-based WiMAX networks
- Activate and stay connected on broadband with minimal effort
- Peace of mind with secure access to critical information and applications when you need it
- Stay connected longer
- Enjoy better voice quality while on the move
- Scan for and securely connect to available WiMAX networks
- 5x performance over existing 802.11a/b/g solutions
- Reduces the number of “dead zones,” network re-connects, and dropped data packets; improves connectivity throughout the home and enables more consistent coverage in the enterprise
- Reduced WiLAN power consumption results in longer platform battery life for greater utility, enjoyment, and convenience
- Provides IT managers the capability to remotely discover, heal, and protect wireless notebooks regardless of the functional state of the operating system which can result in reduced on-site support costs
- Ensures enterprise wireless networks are protected from unauthorized access via stronger authentication and encryption mechanisms
- Simplifies client deployments and allows remote management of wireless settings and profiles by IT managers
- Enables interoperability with other IEEE-based wireless access points and wireless network adapters
- Helps prevent delays in VoIP calls when roaming between access points; enables improved network diagnostics
- Selection of access points with the Connect with Intel® Centrino® processor technology label ensures that both the access point and the Intel Centrino processor technology-based laptop have passed numerous interoperability tests
Some security solutions may not be supported by your PC's operating system and/or by your PC manufacturer. Check with your PC manufacturer for details on availability.

Wi-Fi and WiMAX radios do not operate simultaneously. Wireless connectivity and some features may require the purchase of additional software, services, or external hardware. Availability of public wireless LAN access points is limited.

Intel® PROSet for Wireless and WiMAX Connection Utility software may not be supported by your PC manufacturer. Check with your PC manufacturer for details on availability.

References to improved battery life as measured by MobileMark® 2005, refer to platform comparisons versus competing Draft-N WLAN solutions. Actual platform battery life savings will vary depending on your specific operating system, hardware, and software configurations. Check with your PC and access point manufacturer for details.

Up to 2x greater range and up to 5x better performance enabled by 1x2 Draft N implementations with 2 receive spatial streams. Actual wireless throughput and/or range will vary depending on your specific operating system, hardware, and software configurations. Check with your PC manufacturer for details on availability.


Results based on conductive test data, actual results may vary based on your specific hardware, connection rate, site conditions, network service and software configurations. See http://www.intel.com/technology/platform-technology/intel-amt/ for more information.

Intel® Active Management Technology (Intel® AMT) requires the computer system to have an Intel® AMT-enabled chipset, network hardware and software, as well as connection with a power source and a corporate network connection. Setup requires configuration by the purchaser and may require scripting with the management console or further integration into existing security frameworks to enable certain functionality. It may also require modifications of implementation of new business processes. For more information, see www.intel.com/technology/platform-technology/intel-amt/.


1 Wi-Fi networks

2 Traditional Wi-Fi and IEEE 802.11-2012 Wi-Fi

3 Other names and brands may be claimed as the property of others.

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