



## **Intel® My WiFi Technology**

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### **Interoperability Test Passed Consumer Devices Report**

**Revision 1.0**

**December 31, 2008**



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### Document Revision History

Document Revision Number	Date	Comments
1.0	December 31, 2008	Initial release.



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# 1 Intel® My WiFi Technology Interoperability Testing

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This document provides information on Intel interoperability testing of Wi-Fi embedded consumer devices and Intel® Centrino® 2 processor technology-based notebook computers with Intel® My WiFi Technology. It lists selected Wi-Fi enabled consumer devices that have been tested and passed interoperability testing with Intel® My WiFi Technology.

## 1.1 Intel® My WiFi Technology Overview

Intel® My WiFi Technology is a Wi-Fi Personal Area Network ( Wi-Fi PAN) technology that allows a single Wi-Fi adapter in an Intel® Centrino® 2 notebook to function like two separate adapters. The operating system sees two Wi-Fi interfaces and each interface offers a service. One interface can connect to any standard Wi-Fi certified Access Point (AP). The other interface enables a Wi-Fi PAN that can operate concurrently with the Wi-Fi Local Area Network (Wi-Fi LAN) connection. CE devices with embedded Wi-Fi see this Wi-Fi PAN network as just another Wi-Fi network to which they can associate.

The Wi-Fi PAN allows Wi-Fi enabled devices to connect to the PC via the Intel® My WiFi Technology. Wi-Fi devices must be certified by the Wi-Fi Alliance for 802.11a/b/g. A specific application or set of applications allows Wi-Fi enabled devices to perform certain tasks through this connection. For example, a synchronization software application for a Wi-Fi connection would need to be present on the notebook in order to perform a synchronization with an MP3 player or a mobile phone. Application support is typically required for a device to interoperate with a PC. In some cases, the operating system (Microsoft Windows Vista\* is compatible with Intel® My WiFi Technology) will permit devices to connect to its own capabilities, for example Universal Plug and Play (UPnP) or Public Shared Folders. Check with your PC manufacturer for more details.

Intel® My WiFi Technology also supports Wi-Fi Protected Setup\* (WPS\*) Certified devices. WPS is being employed by an increasing number of devices to enable easy, secure Wi-Fi connections. WPS sets up a secure connection to a host machine with either a push button or by entering a PIN.

## 1.2 Intel Interoperability Testing

Intel interoperability tests consist of verification of a Wi-Fi connection and some level of declared application support. This testing is not intended to be a wholly exhaustive validation of each application feature on the consumer device as it relates to the PC, rather it ensures that a tested and passed device can connect properly and function basically with Intel® My WiFi Technology. Product test results are as of December 2008.

**Note:** Refer to the Wi-Fi Alliance Certified Product database at [http://certifications.wi-fi.org/wbcs\\_certified\\_products.php](http://certifications.wi-fi.org/wbcs_certified_products.php) for complete listing of certified Wi-Fi devices that may work with Intel® My WiFi Technology, but only devices listed in Table 1 Intel Interoperability have been tested by Intel.

**Figure 1: Wi-Fi Alliance Certified Products Database**



### 1.3 Intel Interoperability Test Passed Consumer Devices

Table 1 lists selected consumer devices with embedded Wi-Fi capabilities that have been tested and passed interoperability testing with Intel® My WiFi Technology.

**Table 1: Intel Interoperability Test Passed Consumer Devices**

Brand	Product
Apple	Apple TV*
	Airport Express*
	Time Capsule*
Brother	Printer HL-2170W*
D-Link	Wi-Fi Digital Photo Frame DSM-210*
Hewlett Packard	HP Photosmart C7280*
Lexmark	Printer X7675*
Linksys	Wireless Game Adapter (WGA600n)*
Nikon	Coolpix model P3*
Panasonic	Wi-Fi Projector PT-LB60NTU*
Philips	Wi-Fi Digital Photo Frame 8FF3WMI*

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