



Intel in  
Communications

# Intel<sup>®</sup> Centrino<sup>™</sup> Mobile Technology

*Enhancing Your Wireless Experience*

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## Enhancing Your Wireless Experience

True mobility is finally here. Intel® Centrino™ mobile technology brings together a processor, chipset and an integrated wireless LAN capability. Intel has designed, tested, and validated the three components of Intel® Centrino™ mobile technology to optimally work together -- delivering breakthrough mobile performance and enabled extended battery life with optimized compatibility and interoperability<sup>1</sup> all in thinner, lighter designs.

But wireless standards are evolving, and so is Intel® Centrino™ mobile technology. A case in point? The Intel® PRO/Wireless 2200BG Network Connection. Now available on certain Intel® Centrino™ mobile technology-based notebooks, it's the ideal solution for the high-bandwidth needs of many consumers. The Intel PRO/Wireless 2200BG Network Connection delivers plenty of bandwidth for downloading music, transferring media-rich content or competing in intense online games. It's a single-band, dual-mode adapter that complies with the 802.11g and 802.11b standards. It also provides enhanced wireless security support: both industry standard (such as AES<sup>2</sup>) and leading third party solutions.<sup>3</sup>

Whether for business or pleasure, Intel® Centrino™ mobile technology with the Intel PRO/Wireless 2200BG Network Connection provides an advanced, robust secure wireless connections<sup>2</sup> to the Internet from private networks or public hotspots. It's a Wi-Fi CERTIFIED\* solution that is thoroughly tested for compatibility and interoperability with other certified wireless solutions. And it supports both Windows\* XP and Windows\* 2000.

It's a whole new era in computing today, and Intel® Centrino™ mobile technology can take you wherever you want to go.

### Intel® PRO/Wireless 2200BG Network Connection Features

<b>Standards Compliance</b>	<b>802.11B 802.11G</b>
<b>Frequency Band</b>	<b>2.4 GHz</b>
<b>Available RF Channels</b>	<b>3 non-overlapping</b>
<b>Max. Data Rate/Channel</b>	<b>11 Mbps or 54 Mbps</b>
<b>Security Support<sup>2</sup></b>	<b>AES<sup>3</sup>, WEP, TKIP, LEAP, WPA, Cisco* Compatible Extensions (such as LEAP and CKIP)</b>
<b>Bluetooth Co-existence Support</b>	<b>Yes</b>

<b>Roaming in Mixed Environments</b>	<b>Yes</b>
<b>Peer-to-Peer Wireless Connectivity</b>	<b>Yes</b>

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1 Wireless connectivity and some features may require you to purchase additional software, services or external hardware. Availability of public wireless LAN access points limited. System performance measured by MobileMark\* 2002. System performance, battery life, wireless performance and functionality will vary depending on your specific hardware and software configurations. See [http://www.intel.com/products/centrino/more\\_info](http://www.intel.com/products/centrino/more_info) for more information.

2 AES requires PC software upgrade that will be available in 2H'04 and requires access point support. Available on 802.11 b/g only. Check with your PC manufacturer for availability.

3 Some security solutions may not be supported by your PC manufacturer. Check with your PC manufacturer for details on availability.

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