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Intel in
Communications

Intel® Centrino™ Mobile Technology

Enhancing Your Wireless Experience

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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[1] all in thinner, lighter designs.

But wireless standards are evolving, and so is Intel® Centrino™ mobile technology. Acase 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[2]) and leading third party solutions.[3]

Whether for business or pleasure, Intel® Centrino™ mobile technology with the Intel PRO/Wireless 2200BG Network Connection provides an advanced, robust secure wireless connections[2] 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

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

Roaming in Mixed Environments	**Yes**
Peer-to-Peer Wireless Connectivity	**Yes**

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1Wireless 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 for more information.

2AES 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.