Enhanced Wi-Fi. Exceptional Features. Enhanced Connected Experience

The Intel® Wireless-N 7260 802.11bgn, 2x2, 2.4GHz Wi-Fi + Bluetooth 4.0* adapter delivers faster speeds (up to 300 Mbps1), greater range and more reliability. Combined 4th Gen Intel® Core™ processors and exceptional Intel wireless innovations, the Intel® Wireless-N 7260 reshapes your connected experience at work, home or on the go.

Enhanced 802.11bgn Wireless

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<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td>Speed</td>
<td>Delivers up to 300 Mbps speed with dual streams (2x2) for better performance and connectivity in more places, through more walls, doors and floors.</td>
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<td>Coverage</td>
<td>802.11bgn, 2x2, 2.4 GHz</td>
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<td>Capacity</td>
<td>Bluetooth 4.0* Smart Ready (Low Energy) Dual mode Bluetooth 4.0 connects to the newest low energy Bluetooth products as well as your familiar devices, such as headsets, keyboard, mice and more.</td>
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<tr>
<td>Intel® Power Optimizer2</td>
<td>Optimized power modes during periods of activity and inactivity to improve platform battery life for greater mobility and convenience. Dramatically lower power consumption than previous generation products.</td>
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<td>HMC and M.2 Form Factors</td>
<td>Single sided HMC and M.2 modules support multiple connectors for flexible system configuration and platform usages. The new M.2 form factor delivers a smaller, lower profile, more flexible form factor for thin-and-light Ultrabook™, notebook and tablet designs.</td>
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Experience the Intel Difference

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<td>Always Ready to Go</td>
<td>Intel® Smart Connect Technology3 Stay current with automatic, no-wait updates to your email and social networks, even when your device is asleep. Combine it with Intel® WiFi HotSpot Assistant and automatically connect to millions of free and paid hotspots to refresh your content in more locations worldwide.</td>
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<tr>
<td>Instant Internet Worldwide</td>
<td>Intel® WiFi Hotspot Assistant4 Delivers instant Internet connectivity at millions of free and paid hotspot worldwide. After accepting a one-time only terms and conditions (T&amp;C) login, your Internet connections are on auto-pilot as you roam the Wi-Fi hotspot universe—even as your Ultrabook™ sleeps. Combine it with Intel® Smart Connect Technology and your favorite cloud content (email, social networks, news, etc.) is automatically refreshed as you roam.</td>
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**Intel® Wireless-N 7260 Technical Specifications**

### General

| Dimensions (H x W x D) | HMC: 26.80 mm x 30.00 mm x 2.4 mm Max (Top Side) / 1.35 mm Max (Bottom Side) Single Sided  
| Weight | M.2: 22 mm x 30.00 mm x 2.4 mm / 1.5mm Max (Top Side) / 0.1mm Max (Bottom Side)  
| Diversity | TBD  
| Radio ON/OFF Control | Supported  
| Connector interface | HMC: PCIe, USB  
| LED Output | M.2: PCIe, USB  
| Operating Temperature (Adapter Shield) | On/Off  
| Humidity Non-Operating | 0º to +80º C  
| Operating Systems | Microsoft Windows 7*, Microsoft Windows 8*, Linux* (most features not available on Linux)  
| Wi-Fi Alliance | Wi-Fi CERTIFIED® a/b/g, Wi-Fi CERTIFIED® n, WMM®, WPA®, WPA2®, and WPS, WPS 2.0, Protected Management Frames, Wi-Fi Direct® for peer to peer device connections  
| IEEE WLAN Standard | IEEE 802.11bgn, 802.11d, 802.11e, 802.11i, 802.11h, 802.11w  
| Architecture | Infrastructure and SoftAP; Supports simultaneous Client and SoftAP modes  
| Roaming5 | Supports seamless roaming between respective access points (802.11b, 802.11g, 802.11b/g/n)  
| Bluetooth® | Dual Mode Bluetooth® 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE)  

### Security  

**Authentication**

WPA and WPA2, 802.1X (EAP-TLS, TTLS, PEAP, LEAP, EAP-FAST), EAP-SIM, EAP-AKA  

**Authentication Protocols**

PAP, CHAP, TLS, GTC, MS-CHAP*, MS-CHAPv2  

**Encryption**

64-bit and 128-bit WEP, AES-CCMP, TKIP  

**Wi-Fi Direct® Encryption and Authentication**

WPA2, AES-CCMP  

**Product Safety**

UL, C-UL, CB (IEC 60950-1)  

**Management Frame Protection**

802.11w (WFA- Protected Management Frames)  

### Compliance

**Government**

FIPS®, FISMA  

**Retail (Credit Card Processing)**

PCI, CISP  

### Product Name | Model Number | Version  
| Intel® Wireless-N 7260 | 7260HMW BN | 802.11bgn, 2x2, Bluetooth 4.0, PCIe, USB, HMC  
| | 7260NGW BN | 802.11bgn, 2x2, Bluetooth 4.0, PCIe, USB, M.2  

For more information on Intel® Wireless products, visit intel.com/wireless

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1. Based on the theoretical maximum bandwidth enabled by 2x2 802.11n implementations. 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.  

2. Actual platform battery life savings will vary depending on your specific operating system, hardware and software configurations. Check with your PC manufacturer for details.  

3. Intel® Smart Connect Technology requires a select Intel® processor, Intel® software and BIOS update, Intel® Wireless adapter, and Internet connectivity. Solid state memory or drive equivalent may be required. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.  

4. Intel® WiFi Hotspot Assistant requires an Intel wireless adapter, Intel® PROSet/Wireless WiFi Software v15.6 or later, and an Internet connection for initial setup with the Easy WiFi® network.  

5. Roaming is supported only within each respective band and mode of access points.  

6. 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.  

7. Supports seamless roaming between respective access points (802.11b, 802.11g, 802.11b/g/n).  

Microsoft Windows 7* and Microsoft Windows 8*.  

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.  

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

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